

# HSS



Being the best through innovation



# SPIRAL FLUTE TAPS

盲孔加工 (HSS-EX & HSS-PM)

TAPPING BLIND HOLES (HSS-EX & HSS-PM)

# SELECTION GUIDE

## 螺旋槽丝锥 / SPIRAL FLUTE TAPS

盲孔加工, HSS-EX & HSS-PM / Tapping Blind Holes, HSS-EX & HSS-PM

### SPIRAL FLUTE TAPS

项目	型号	刀具材质	标准	工件材质	尺寸	丝锥公差	倒角	表面处理	页
EDP No.	MODEL	Tool Material	Standard	Work Material	Dimensions	Tolerance	Chamfer	Surface Treatment	PAGE
<b>T1121</b>		HSS-EX	M	<b>GS</b>	I-SP	YH	2.5P	Homo	<b>387</b>
<b>T1152</b>		HSS-EX	UNC/F	<b>GS</b>	I-SP	JIS II	2.5P	Homo	<b>391</b>
<b>T1251</b>		HSS-EX	W	<b>GS</b>	I-SP	JIS II	2.5P	Homo	<b>393</b>
<b>T1132</b>		HSS-EX	M	<b>GS</b>	J-SP	YH	2.5P	Homo	<b>394</b>
<b>T1232</b>		HSS-EX	UNC/F	<b>GS</b>	J-SP	JIS II	2.5P	Homo	<b>398</b>
<b>T1162</b>		HSS-EX	W	<b>GS</b>	J-SP	JIS II	2.5P	Homo	<b>400</b>
<b>T1112</b>		HSS-EX	M	<b>GS</b>	S-SP	YH	2.5P	Homo	<b>401</b>
<b>T1172</b>		HSS-EX	UNC/F	<b>GS</b>	S-SP	JIS II	2.5P	Homo	<b>404</b>
<b>T1182</b>		HSS-EX	W	<b>GS</b>	S-SP	JIS II	2.5P	Homo	<b>406</b>
<b>T3121</b>		HSS-EX	M	<b>GS</b>	I-SPtin	YH	2.5P	TiN	<b>407</b>
<b>T3132</b>		HSS-EX	M	<b>GS</b>	J-SPtin	YH	2.5P	TiN	<b>408</b>
<b>T3112</b>		HSS-EX	M	<b>GS</b>	S-SPtin	YH	2.5P	TiN	<b>409</b>
<b>T1151</b>		HSS-EX	M	<b>GV</b>	I-SPss	YH	2.5P	Homo	<b>410</b>
<b>T1131</b>		HSS-EX	M	<b>GV</b>	J-SPss	YH	2.5P	Homo	<b>411</b>
<b>T1191</b>		HSS-EX	M	<b>VA</b>	I-SPsus	YH	2.5P	Homo	<b>412</b>
<b>T1133</b>		HSS-EX	M	<b>VA</b>	J-SPsus	YH	2.5P	Homo	<b>414</b>
<b>T1113</b>		HSS-EX	M	<b>VA</b>	S-SPsus	YH	2.5P	Homo	<b>416</b>
<b>T2120</b>		HSS-EX	M	<b>AI</b>	I-SPal	YH	2.5P	Bright	<b>417</b>
<b>T2131</b>		HSS-EX	M	<b>AI</b>	J-SPal	YH	2.5P	Bright	<b>419</b>
<b>T2111</b>		HSS-EX	M	<b>AI</b>	S-SPal	YH	2.5P	Bright	<b>421</b>
<b>TZ181</b>		HSS-PM	M	<b>Ti</b>	I-SPPMti	YH	3.0P	TiAlN	<b>422</b>
<b>TR641</b>		HSS-PM	M	<b>Ni</b>	I-SPPMni	YH	3.0P	Bright	<b>423</b>

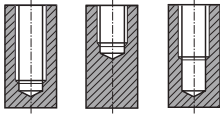


# M 普通螺旋槽丝锥 SPIRAL FLUTE TAPS for GENERAL PURPOSE

▶ 适用于碳钢和合金钢的盲孔加工, 优异的排屑。

▶ Suitable for tapping Blind holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type



HSS-EX

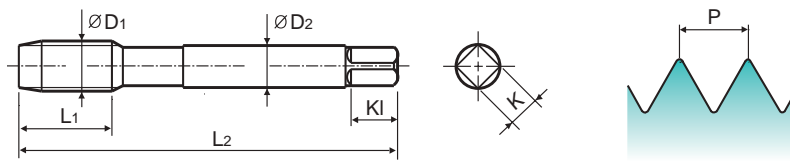
I-SP

YH

2.5P

Homo

- ▶ Tap Limits : P.530
- ▶ up to M7 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length	螺纹长 Thread Length	柄径 Shank Diameter	方块 尺寸 Square Size	方块 长度 Square Length	槽数 No. of Flute
ØD1	P			L2	L1	ØD2	K	KI	
M2	× 0.4	T1121131	YH1	40	7.5	3	2.5	5	2
M2.2	× 0.45	T1121151	YH1	42	8.5	3	2.5	5	2
M2.3	× 0.4	T1121191	YH1	42	8.5	3	2.5	5	2
M2.5	× 0.45	T1121171	YH1	44	8.5	3	2.5	5	2
M2.6	× 0.45	T1121491	YH1	44	8.5	3	2.5	5	2
M3	× 0.5	T1121202	YH2	46	11	4	3.2	6	3
M3	× 0.35	T1121211	YH1	46	9.5	4	3.2	6	3
M3.5	× 0.6	T1121222	YH2	48	13	4	3.2	6	3
M3.5	× 0.35	T1121231	YH1	48	9.5	4	3.2	6	3
M4	× 0.7	T1121242	YH2	52	13	5	4	7	3
M4	× 0.5	T1121251	YH1	52	13	5	4	7	3
M4.5	× 0.75	T1121262	YH2	55	13	5	4	7	3
M4.5	× 0.5	T1121271	YH1	55	13	5	4	7	3
M5	× 0.8	T1121282	YH2	60	16	5.5	4.5	7	3
M5	× 0.5	T1121291	YH1	60	13	5.5	4.5	7	3
M5.5	× 0.5	T1121301	YH1	60	16	5.5	4.5	7	3
M6	× 1	T1121312	YH2	62	19	6	4.5	7	3
M6	× 0.75	T1121322	YH2	62	19	6	4.5	7	3
M6	× 0.5	T1121331	YH1	60	13	6	4.5	7	3
M7	× 1	T1121342	YH2	65	19	6.2	5	8	3
M7	× 0.75	T1121352	YH2	65	19	6.2	5	8	3
M8	× 1.25	T1121362	YH2	70	22	6.2	5	8	3

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	○	○			○	○	○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
									○	

COMBO TAPS

SPIRAL POINT TAPS

SPIRAL FLUTE TAPS

STRAIGHT FLUTE TAPS

LONG SHANK TAPS

FLUTELRSS TAPS

SCREW THREAD INSERT TAPS

HAND TAPS

PIPE TAPS

CARBIDE TAPS

SKS21 HAND TAPS

SKS21 PIPE TAPS

THREAD MILLS

TECHNICAL DATA

**Y/G SPIRAL FLUTE TAPS**

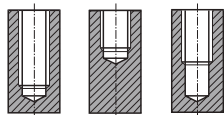
**T1121 SERIES**

**M 普通螺旋槽丝锥**  
**SPIRAL FLUTE TAPS for GENERAL PURPOSE**

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Hole type



Material groups

**GS**

HSS-EX

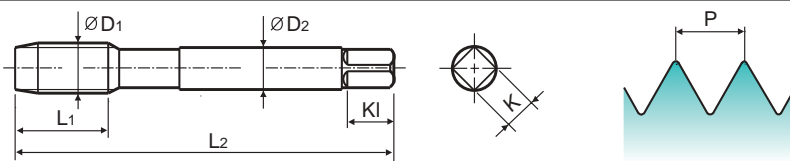
I-SP

YH

2.5P

Homo

- ▶ Tap Limits : P.530
- ▶ up to M7 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length	螺纹长 Thread Length	柄径 Shank Diameter	方块 尺寸 Square Size	方块 长度 Square Length	槽数 No. of Flute
ØD1	P			L2	L1	ØD2	K	KI	
M8	× 1	T1121372	YH2	70	22	6.2	5	8	3
M8	× 0.75	T1121382	YH2	70	22	6.2	5	8	3
M9	× 1.25	T1121392	YH2	72	22	7	5.5	8	3
M9	× 1	T1121402	YH2	72	22	7	5.5	8	3
M9	× 0.75	T1121412	YH2	72	22	7	5.5	8	3
M10	× 1.5	T1121422	YH2	75	24	7	5.5	8	3
M10	× 1.25	T1121432	YH2	75	24	7	5.5	8	3
M10	× 1	T1121442	YH2	75	24	7	5.5	8	3
M10	× 0.75	T1121452	YH2	75	22	7	5.5	8	3
M11	× 1.5	T1121462	YH2	80	25	8	6	9	3
M11	× 1	T1121472	YH2	80	25	8	6	9	3
M11	× 0.75	T1121482	YH2	80	25	8	6	9	3
M12	× 1.75	T1121502	YH2	82	29	8.5	6.5	9	3
M12	× 1.5	T1121512	YH2	82	29	8.5	6.5	9	3
M12	× 1.25	T1121522	YH2	82	29	8.5	6.5	9	3
M12	× 1	T1121532	YH2	82	29	8.5	6.5	9	3
M14	× 2	T1121542	YH2	88	30	10.5	8	11	3
M14	× 1.5	T1121552	YH2	88	30	10.5	8	11	3
M14	× 1.25	T1121562	YH2	88	30	10.5	8	11	3
M14	× 1	T1121572	YH2	88	30	10.5	8	11	3
M15	× 1.5	T1121582	YH2	90	30	10.5	8	11	3
M15	× 1	T1121592	YH2	90	30	10.5	8	11	3

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	○	○			○	○	○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
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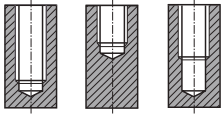


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▶ Suitable for tapping Blind holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type



HSS-EX

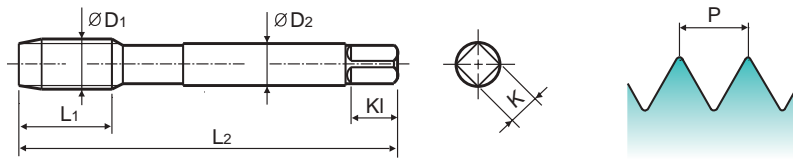
I-SP

YH

2.5P

Homo

- ▶ Tap Limits : P.530
- ▶ up to M7 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length L2	螺纹长 Thread Length L1	柄径 Shank Diameter ØD2	方块 尺寸 Square Size K	方块 长度 Square Length KI	槽数 No. of Flute
ØD1	P								
M16	× 2	T1121602	YH2	95	32	12.5	10	13	3
M16	× 1.5	T1121612	YH2	95	32	12.5	10	13	3
M16	× 1	T1121622	YH2	95	32	12.5	10	13	3
M18	× 2.5	T1121653	YH3	100	37	14	11	14	4
M18	× 2	T1121663	YH3	100	37	14	11	14	4
M18	× 1.5	T1121672	YH2	100	37	14	11	14	4
M18	× 1	T1121682	YH2	95	30	14	11	14	4
M20	× 2.5	T1121703	YH3	105	37	15	12	15	4
M20	× 2	T1121713	YH3	105	37	15	12	15	4
M20	× 1.5	T1121723	YH3	105	37	15	12	15	4
M20	× 1	T1121732	YH2	95	30	15	12	15	4
M22	× 2.5	T1121743	YH3	115	38	17	13	16	4
M22	× 2	T1121753	YH3	115	38	17	13	16	4
M22	× 1.5	T1121763	YH3	115	38	17	13	16	4
M22	× 1	T1121772	YH2	95	30	17	13	16	4
M24	× 3	T1121783	YH3	120	45	19	15	18	4
M24	× 2	T1121793	YH3	120	45	19	15	18	4
M24	× 1.5	T1121803	YH3	120	45	19	15	18	4
M24	× 1	T1121812	YH2	95	30	19	15	18	4
M25	× 2	T1121823	YH3	125	45	19	15	18	4
M25	× 1.5	T1121833	YH3	125	45	19	15	18	4
M26	× 2	T1121N43	YH3	125	45	20	15	18	4

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	○	○			○	○	○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
									○	

COMBO TAPS

SPIRAL POINT TAPS

SPIRAL FLUTE TAPS

STRAIGHT FLUTE TAPS

LONG SHANK TAPS

FLUTELRSS TAPS

SCREW THREAD INSERT TAPS

HAND TAPS

PIPE TAPS

CARBIDE TAPS

SKS21 HAND TAPS

SKS21 PIPE TAPS

THREAD MILLS

TECHNICAL DATA

**YG SPIRAL FLUTE TAPS**

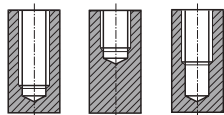
**T1121 SERIES**

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▶ Suitable for tapping Blind holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type



Material groups

**GS**

HSS-EX

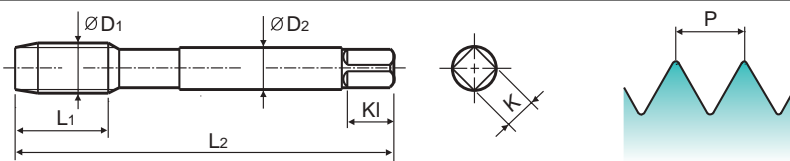
I-SP

YH

2.5P

Homo

- ▶ Tap Limits : P.530
- ▶ up to M7 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length L2	螺纹长 Thread Length L1	柄径 Shank Diameter ØD2	方块尺寸 Square Size K	方块长度 Square Length KI	槽数 No. of Flute
M26	× 1.5	T1121853	YH3	125	45	20	15	18	4
M26	× 1	T1121N52	YH2	95	30	20	15	18	4
M27	× 3	T1121863	YH3	130	45	20	15	18	4
M27	× 2	T1121873	YH3	130	45	20	15	18	4
M27	× 1.5	T1121883	YH3	130	45	20	15	18	4
M28	× 2	T1121903	YH3	130	45	21	17	20	4
M28	× 1.5	T1121913	YH3	130	45	21	17	20	4
M30	× 3.5	T1121944	YH4	135	48	23	17	20	4
M30	× 3	T1121953	YH3	135	48	23	17	20	4
M30	× 2	T1121963	YH3	135	45	23	17	20	4
M30	× 1.5	T1121973	YH3	135	45	23	17	20	4
M30	× 1	T1121982	YH2	105	30	23	17	20	4
M33	× 3.5	T1121A44	YH4	145	51	25	19	22	4
M33	× 3	T1121A53	YH3	145	51	25	19	22	4
M33	× 2	T1121A63	YH3	145	45	25	19	22	4
M33	× 1.5	T1121A73	YH3	145	45	25	19	22	4
M36	× 4	T1121B34	YH4	155	57	28	21	24	4
M36	× 3	T1121B43	YH3	155	57	28	21	24	4
M36	× 2	T1121B53	YH3	155	45	28	21	24	4
M36	× 1.5	T1121B63	YH3	155	45	28	21	24	4

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	○	○			○	○	○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
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**T1152** SERIES

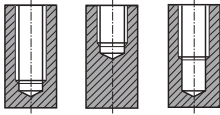
# UNC/F 普通螺旋槽丝锥

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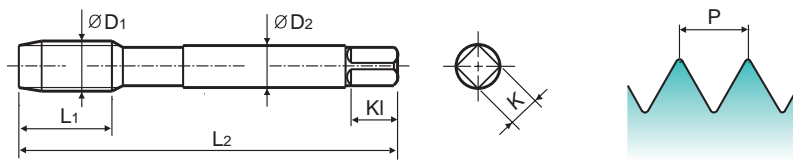
▶ Suitable for tapping Blind holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type



- HSS-EX
- I-SP
- JIS II
- 2.5P
- Homo

- ▶ Tap Limits : JIS II
- ▶ up to 5/16 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸	牙距	型号	精度	全长	螺纹长	柄径	方块 尺寸	方块 长度	槽数
SIZE	TPI	EDP No.	Limit	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	No. of Flute
ØD1				L2	L1	ØD2	K	KI	
#4 - 40 UNC		T1152162	JIS II	44	8.5	3	2.5	5	3
#4 - 48 UNF		T1152182	JIS II	44	8.5	3	2.5	5	3
#5 - 40 UNC		T1152202	JIS II	46	11	4	3.2	6	3
#5 - 44 UNF		T1152222	JIS II	46	11	4	3.2	6	3
#6 - 32 UNC		T1152242	JIS II	48	13	4	3.2	6	3
#6 - 40 UNF		T1152262	JIS II	48	13	4	3.2	6	3
#8 - 32 UNC		T1152282	JIS II	52	13	5	4	7	3
#8 - 36 UNF		T1152302	JIS II	52	13	5	4	7	3
#10 - 24 UNC		T1152322	JIS II	60	16	5.5	4.5	7	3
#10 - 32 UNF		T1152342	JIS II	60	16	5.5	4.5	7	3
#12 - 24 UNC		T1152362	JIS II	60	16	5.5	4.5	7	3
#12 - 28 UNF		T1152382	JIS II	60	16	5.5	4.5	7	3
1/4 - 20 UNC		T1152402	JIS II	62	19	6	4.5	7	3
1/4 - 28 UNF		T1152422	JIS II	62	19	6	4.5	7	3
5/16 - 18 UNC		T1152442	JIS II	70	22	6.1	5	8	3
5/16 - 24 UNF		T1152462	JIS II	70	22	6.1	5	8	3

◎ : 优(Excellent)    ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	○	○			○	○	○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
									○	

COMBO TAPS

SPIRAL POINT TAPS

SPIRAL FLUTE TAPS

STRAIGHT FLUTE TAPS

LONG SHANK TAPS

FLUTELRSS TAPS

SCREW THREAD INSERT TAPS

HAND TAPS

PIPE TAPS

CARBIDE TAPS

SKS21 HAND TAPS

SKS21 PIPE TAPS

THREAD MILLS

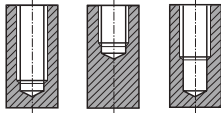
TECHNICAL DATA

**UNC/F 普通螺旋槽丝锥**  
**SPIRAL FLUTE TAPS for GENERAL PURPOSE**

▶ 适用于碳钢和合金钢的盲孔加工, 优异的排屑。

▶ Suitable for tapping Blind holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type



Material groups

**GS**

HSS-EX

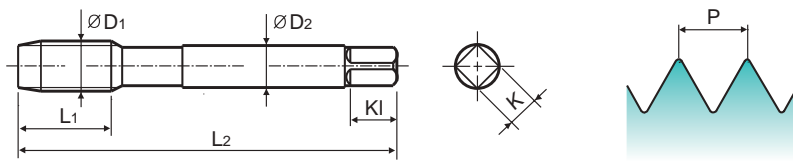
I-SP

JIS II

2.5P

Homo

- ▶ Tap Limits : JIS II
- ▶ up to 5/16 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 TPI	型号 EDP No.	精度 Limit	全长 Overall Length L2	螺纹长 Thread Length L1	柄径 Shank Diameter ØD2	方块尺寸 Square Size K	方块长度 Square Length KI	槽数 No. of Flute
3/8 - 16 UNC		<b>T1152482</b>	JIS II	75	24	7	5.5	8	3
3/8 - 24 UNF		<b>T1152502</b>	JIS II	75	24	7	5.5	8	3
7/16 - 14 UNC		<b>T1152522</b>	JIS II	80	25	8	6	9	3
7/16 - 20 UNF		<b>T1152542</b>	JIS II	80	25	8	6	9	3
1/2 - 13 UNC		<b>T1152562</b>	JIS II	85	29	9	7	10	3
1/2 - 20 UNF		<b>T1152582</b>	JIS II	85	29	9	7	10	3
9/16 - 12 UNC		<b>T1152602</b>	JIS II	90	30	10.5	8	11	3
9/16 - 18 UNF		<b>T1152622</b>	JIS II	90	30	10.5	8	11	3
5/8 - 11 UNC		<b>T1152642</b>	JIS II	95	32	12	9	12	3
5/8 - 18 UNF		<b>T1152662</b>	JIS II	95	32	12	9	12	3
3/4 - 10 UNC		<b>T1152702</b>	JIS II	105	37	14	11	14	4
3/4 - 16 UNF		<b>T1152722</b>	JIS II	105	37	14	11	14	4
7/8 - 9 UNC		<b>T1152742</b>	JIS II	115	38	17	13	16	4
7/8 - 14 UNF		<b>T1152762</b>	JIS II	115	38	17	13	16	4
1" - 8 UNC		<b>T1152782</b>	JIS II	125	45	20	15	18	4
1" - 12 UNF		<b>T1152802</b>	JIS II	125	45	20	15	18	4

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	○	○			○	○	○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
									○	



**YG SPIRAL FLUTE TAPS**

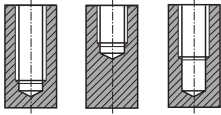
**T1251 SERIES**

**W 普通螺旋槽丝锥**  
**SPIRAL FLUTE TAPS for GENERAL PURPOSE**

▶ 适用于碳钢和合金钢的盲孔加工, 优异的排屑.

▶ Suitable for tapping Blind holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type



Material groups **GS**

HSS-EX

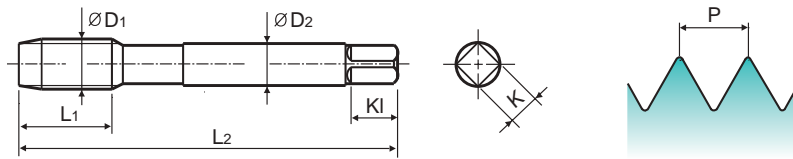
I-SP

JIS II

2.5P

Homo

- ▶ Tap Limits : JIS II
- ▶ up to 5/16 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸	牙距	型号	精度	全长	螺纹长	柄径	方块 尺寸	方块 长度	槽数
SIZE	TPI	EDP No.	Limit	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	No. of Flute
ØD1				L2	L1	ØD2	K	KI	
W1/8	- 40	T1251202	JIS II	46	11	4	3.2	6	3
W3/16	- 24	T1251322	JIS II	60	16	5.5	4.5	7	3
W1/4	- 20	T1251402	JIS II	62	19	6	4.5	7	3
W5/16	- 18	T1251442	JIS II	70	22	6.1	5	8	3
W3/8	- 16	T1251482	JIS II	75	24	7	5.5	8	3
W7/16	- 14	T1251522	JIS II	80	25	8	6	9	3
W1/2	- 12	T1251562	JIS II	85	29	9	7	10	3
W9/16	- 12	T1251602	JIS II	90	30	10.5	8	11	3
W5/8	- 11	T1251642	JIS II	95	32	12	9	12	3
W3/4	- 10	T1251702	JIS II	105	37	14	11	14	4
W7/8	- 9	T1251742	JIS II	115	38	17	13	16	4
W1"	- 8	T1251782	JIS II	125	45	20	15	18	4

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRc25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
○	○	○			○	○	○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
									○	

COMBO TAPS

SPIRAL POINT TAPS

SPIRAL FLUTE TAPS

STRAIGHT FLUTE TAPS

LONG SHANK TAPS

FLUTELRSS TAPS

SCREW THREAD INSERT TAPS

HAND TAPS

PIPE TAPS

CARBIDE TAPS

SKS21 HAND TAPS

SKS21 PIPE TAPS

THREAD MILLS

TECHNICAL DATA

**Y/G SPIRAL FLUTE TAPS**

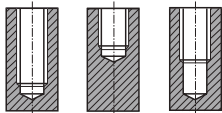
**T1132 SERIES**

**M 普通螺旋槽丝锥**  
**SPIRAL FLUTE TAPS for GENERAL PURPOSE**

▶ 适用于碳钢和合金钢的盲孔加工, 优异的排屑。

▶ Suitable for tapping Blind holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type



HSS-EX

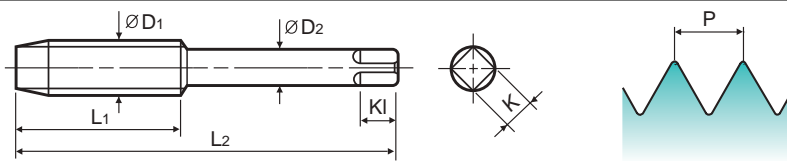
J-SP

YH



Homo

- ▶ Tap Limits : P.530
- ▶ up to M7 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length	螺纹长 Thread Length	柄径 Shank Diameter	方块 尺寸 Square Size	方块 长度 Square Length	槽数 No. of Flute
ØD1	P			L2	L1	ØD2	K	KI	
M2	× 0.4	T1132131	YH1	40	15	3	2.5	5	2
M2.2	× 0.45	T1132151	YH1	42	15	3	2.5	5	2
M2.3	× 0.4	T1132191	YH1	42	15	3	2.5	5	2
M2.5	× 0.45	T1132171	YH1	44	16	3	2.5	5	2
M2.6	× 0.45	T1132491	YH1	44	16	3	2.5	5	2
M3	× 0.5	T1132202	YH2	46	18	4	3.2	6	3
M3	× 0.35	T1132211	YH1	46	18	4	3.2	6	3
M3.5	× 0.6	T1132222	YH2	48	18	4	3.2	6	3
M3.5	× 0.35	T1132231	YH1	48	18	4	3.2	6	3
M4	× 0.7	T1132242	YH2	52	20	5	4	7	3
M4	× 0.5	T1132251	YH1	52	20	5	4	7	3
M4.5	× 0.75	T1132262	YH2	55	20	5	4	7	3
M4.5	× 0.5	T1132271	YH1	55	20	5	4	7	3
M5	× 0.8	T1132282	YH2	60	22	5.5	4.5	7	3
M5	× 0.5	T1132291	YH1	60	22	5.5	4.5	7	3
M5.5	× 0.5	T1132301	YH1	60	22	5.5	4.5	7	3
M6	× 1	T1132312	YH2	62	24	6	4.5	7	3
M6	× 0.75	T1132322	YH2	62	24	6	4.5	7	3
M6	× 0.5	T1132331	YH1	60	22	6	4.5	7	3
M7	× 1	T1132342	YH2	65	26	6.2	5	8	3
M7	× 0.75	T1132352	YH2	65	26	6.2	5	8	3
M8	× 1.25	T1132362	YH2	70	30	6.2	5	8	3

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
○	○	○			○	○	○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
									○	

# SPIRAL FLUTE TAPS

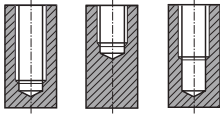
## T1132 SERIES

### M 普通螺旋槽丝锥 SPIRAL FLUTE TAPS for GENERAL PURPOSE

▶ 适用于碳钢和合金钢的盲孔加工, 优异的排屑。

▶ Suitable for tapping Blind holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

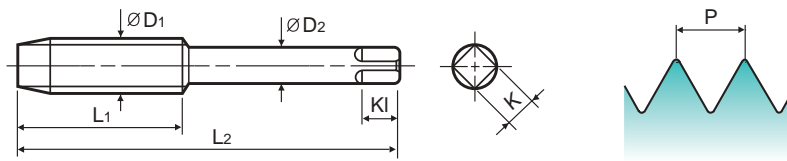
Hole type



Material groups **GS**

HSS-EX
J-SP
YH
2.5P
Homo

▶ Tap Limits : P.530  
 ▶ up to M7 : Male Center  
 ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length	螺纹长 Thread Length	柄径 Shank Diameter	方块 尺寸 Square Size	方块 长度 Square Length	槽数 No. of Flute
ØD1	P			L2	L1	ØD2	K	KI	
M8	× 1	T1132372	YH2	70	15	3	2.5	5	3
M8	× 0.75	T1132382	YH2	65	26	3	2.5	5	3
M9	× 1.25	T1132392	YH2	72	30	7	5.5	5	3
M9	× 1	T1132402	YH2	70	30	7	5.5	5	3
M9	× 0.75	T1132412	YH2	65	26	7	5.5	5	3
M10	× 1.5	T1132422	YH2	75	32	7	5.5	5	3
M10	× 1.25	T1132432	YH2	75	32	7	5.5	5	3
M10	× 1	T1132442	YH2	70	30	7	5.5	5	3
M10	× 0.75	T1132452	YH2	65	26	7	5.5	5	3
M11	× 1.5	T1132462	YH2	80	38	8	6	9	3
M11	× 1	T1132472	YH2	70	30	8	6	9	3
M11	× 0.75	T1132482	YH2	65	26	8	6	9	3
M12	× 1.75	T1132502	YH2	82	38	8.5	6.5	9	3
M12	× 1.5	T1132512	YH2	82	38	8.5	6.5	9	3
M12	× 1.25	T1132522	YH2	80	38	8.5	6.5	9	3
M12	× 1	T1132532	YH2	70	30	8.5	6.5	9	3
M14	× 2	T1132542	YH2	88	42	10.5	8	11	3
M14	× 1.5	T1132552	YH2	88	42	10.5	8	11	3
M14	× 1.25	T1132562	YH2	80	38	10.5	8	11	3
M14	× 1	T1132572	YH2	70	30	10.5	8	11	3
M15	× 1.5	T1132582	YH2	90	42	10.5	8	11	3
M15	× 1	T1132592	YH2	70	30	10.5	8	11	3

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRc25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	○	○			○	○	○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
									○	

COMBO TAPS

SPIRAL POINT TAPS

SPIRAL FLUTE TAPS

STRAIGHT FLUTE TAPS

LONG SHANK TAPS

FLUTELRSS TAPS

SCREW THREAD INSERT TAPS

HAND TAPS

PIPE TAPS

CARBIDE TAPS

SKS21 HAND TAPS

SKS21 PIPE TAPS

THREAD MILLS

TECHNICAL DATA

**Y/G SPIRAL FLUTE TAPS**

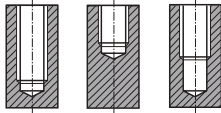
**T1132 SERIES**

**M 普通螺旋槽丝锥**  
**SPIRAL FLUTE TAPS for GENERAL PURPOSE**

▶ 适用于碳钢和合金钢的盲孔加工, 优异的排屑。

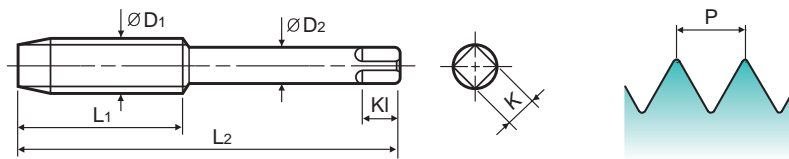
▶ Suitable for tapping Blind holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type



Material groups: **GS** **HSS-EX** **J-SP** **YH** **2.5P** **Homo**

- ▶ Tap Limits : P.530
- ▶ up to M7 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length L2	螺纹长 Thread Length L1	柄径 Shank Diameter ØD2	方块尺寸 Square Size K	方块长度 Square Length KI	槽数 No. of Flute
M16	× 2	T1132602	YH2	95	45	12.5	10	13	3
M16	× 1.5	T1132612	YH2	95	45	12.5	10	13	3
M16	× 1	T1132622	YH2	75	30	12.5	10	13	3
M18	× 2.5	T1132653	YH3	100	37	14	11	14	3
M18	× 2	T1132663	YH3	95	45	14	11	14	3
M18	× 1.5	T1132672	YH2	95	45	14	11	14	3
M18	× 1	T1132682	YH2	80	30	14	11	14	3
M20	× 2.5	T1132703	YH3	105	50	15	12	15	3
M20	× 2	T1132713	YH3	95	45	15	12	15	3
M20	× 1.5	T1132723	YH3	95	45	15	12	15	3
M20	× 1	T1132732	YH2	80	30	15	12	15	3
M22	× 2.5	T1132743	YH3	115	55	17	13	16	3
M22	× 2	T1132753	YH3	95	45	17	13	16	3
M22	× 1.5	T1132763	YH3	95	45	17	13	16	3
M22	× 1	T1132772	YH2	85	30	17	13	16	3
M24	× 3	T1132783	YH3	120	58	19	15	18	4
M24	× 2	T1132793	YH3	95	45	19	15	18	4
M24	× 1.5	T1132803	YH3	95	45	19	15	18	4
M24	× 1	T1132812	YH2	90	30	19	15	18	4
M25	× 2	T1132823	YH3	95	45	19	15	18	4
M25	× 1.5	T1132833	YH3	95	45	19	15	18	4
M26	× 2	T1132N43	YH3	95	45	20	15	18	4

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	○	○			○	○	○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
										○



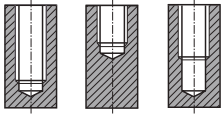
T1132 SERIES

# M 普通螺旋槽丝锥 SPIRAL FLUTE TAPS for GENERAL PURPOSE

▶ 适用于碳钢和合金钢的盲孔加工, 优异的排屑。

▶ Suitable for tapping Blind holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type



Material groups  
**GS**

HSS-EX

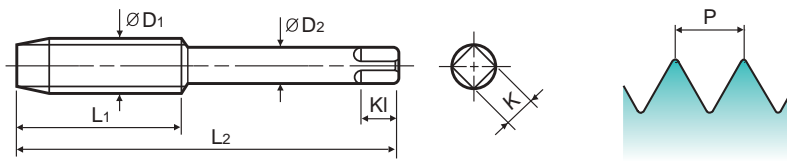
J-SP

YH

2.5P

Homo

- ▶ Tap Limits : P.530
- ▶ up to M7 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length L2	螺纹长 Thread Length L1	柄径 Shank Diameter ØD2	方块 尺寸 Square Size K	方块 长度 Square Length KI	槽数 No. of Flute
M26	× 1.5	T1132853	YH3	95	45	20	15	18	4
M26	× 1	T1132N52	YH2	95	30	20	15	18	4
M27	× 3	T1132863	YH3	130	62	20	15	18	4
M27	× 2	T1132873	YH3	95	45	20	15	18	4
M27	× 1.5	T1132883	YH3	95	45	20	15	18	4
M28	× 2	T1132903	YH3	105	45	21	17	20	4
M28	× 1.5	T1132913	YH3	105	45	21	17	20	4
M30	× 3.5	T1132944	YH4	135	65	23	17	20	4
M30	× 3	T1132953	YH3	135	65	23	17	20	4
M30	× 2	T1132963	YH3	105	45	23	17	20	4
M30	× 1.5	T1132973	YH3	105	45	23	17	20	4
M30	× 1	T1132982	YH2	105	30	23	17	20	4
M33	× 3.5	T1132A44	YH4	145	70	25	19	22	4
M33	× 3	T1132A53	YH3	145	70	25	19	22	4
M33	× 2	T1132A63	YH3	110	45	25	19	22	4
M33	× 1.5	T1132A73	YH3	110	45	25	19	22	4
M36	× 4	T1132B34	YH4	155	75	28	21	24	4
M36	× 3	T1132B43	YH3	155	75	28	21	24	4
M36	× 2	T1132B53	YH3	110	45	28	21	24	4
M36	× 1.5	T1132B63	YH3	110	45	28	21	24	4

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	○	○			○	○	○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
									○	

COMBO TAPS

SPIRAL POINT TAPS

SPIRAL FLUTE TAPS

STRAIGHT FLUTE TAPS

LONG SHANK TAPS

FLUTELRSS TAPS

SCREW THREAD INSERT TAPS

HAND TAPS

PIPE TAPS

CARBIDE TAPS

SKS21 HAND TAPS

SKS21 PIPE TAPS

THREAD MILLS

TECHNICAL DATA



**SPIRAL FLUTE TAPS**

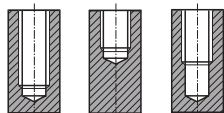
**T1232 SERIES**

**UNC/F 普通螺旋槽丝锥**  
**SPIRAL FLUTE TAPS for GENERAL PURPOSE**

▶ 适用于碳钢和合金钢的盲孔加工, 优异的排屑。

▶ Suitable for tapping Blind holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type



Material groups

**GS**

HSS-EX

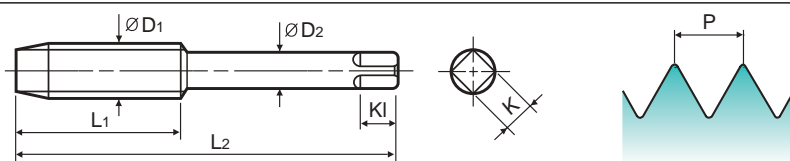
J-SP

JIS II

2.5P

Homo

- ▶ Tap Limits : JIS II
- ▶ up to 5/16 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 TPI	型号 EDP No.	精度 Limit	全长 Overall Length L2	螺纹长 Thread Length L1	柄径 Shank Diameter ØD2	方块 尺寸 Square Size K	方块 长度 Square Length Kl	槽数 No. of Flute
ØD1									
#4 - 40 UNC		T1232162	JIS II	44	16	3	2.5	5	3
#4 - 48 UNF		T1232182	JIS II	44	16	3	2.5	5	3
#5 - 40 UNC		T1232202	JIS II	46	18	4	3.2	6	3
#5 - 44 UNF		T1232222	JIS II	46	18	4	3.2	6	3
#6 - 32 UNC		T1232242	JIS II	48	18	4	3.2	6	3
#6 - 40 UNF		T1232262	JIS II	48	18	4	3.2	6	3
#8 - 32 UNC		T1232282	JIS II	52	20	5	4	7	3
#8 - 36 UNF		T1232302	JIS II	52	20	5	4	7	3
#10 - 24 UNC		T1232322	JIS II	60	22	5.5	4.5	7	3
#10 - 32 UNF		T1232342	JIS II	60	22	5.5	4.5	7	3
#12 - 24 UNC		T1232362	JIS II	60	22	5.5	4.5	7	3
#12 - 28 UNF		T1232382	JIS II	60	22	5.5	4.5	7	3
1/4 - 20 UNC		T1232402	JIS II	62	24	6	4.5	7	3
1/4 - 28 UNF		T1232422	JIS II	62	24	6	4.5	7	3
5/16 - 18 UNC		T1232442	JIS II	70	30	6.1	5	8	3
5/16 - 24 UNF		T1232462	JIS II	70	30	6.1	5	8	3

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRc25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	○	○			○	○	○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
									○	



**T1232** SERIES

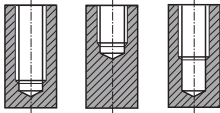
# UNC/F 普通螺旋槽丝锥

## SPIRAL FLUTE TAPS for GENERAL PURPOSE

▶ 适用于碳钢和合金钢的盲孔加工, 优异的排屑。

▶ Suitable for tapping Blind holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

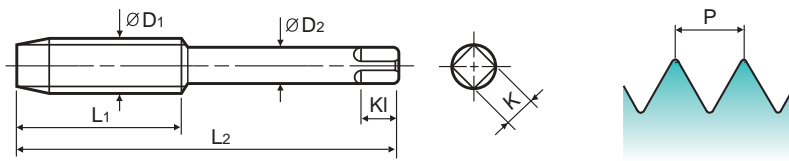
Hole type



Material groups **GS**

- HSS-EX
- J-SP
- JIS II
- 2.5P
- Homo

- ▶ Tap Limits : JIS II
- ▶ up to 5/16 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 TPI	型号 EDP No.	精度 Limit	全长 Overall Length L2	螺纹长 Thread Length L1	柄径 Shank Diameter ØD2	方块 尺寸 Square Size K	方块 长度 Square Length KI	槽数 No. of Flute
3/8 - 16 UNC		T1232482	JIS II	75	35	7	5.5	8	3
3/8 - 24 UNF		T1232502	JIS II	75	32	7	5.5	8	3
7/16 - 14 UNC		T1232522	JIS II	80	38	8	6	9	3
7/16 - 20 UNF		T1232542	JIS II	80	38	8	6	9	3
1/2 - 13 UNC		T1232562	JIS II	85	42	9	7	10	3
1/2 - 20 UNF		T1232582	JIS II	85	42	9	7	10	3
9/16 - 12 UNC		T1232602	JIS II	90	42	10.5	8	11	3
9/16 - 18 UNF		T1232622	JIS II	90	42	10.5	8	11	3
5/8 - 11 UNC		T1232642	JIS II	95	45	12	9	12	3
5/8 - 18 UNF		T1232662	JIS II	95	45	12	9	12	3
3/4 - 10 UNC		T1232702	JIS II	105	50	14	11	14	3
3/4 - 16 UNF		T1232722	JIS II	95	45	14	11	14	3
7/8 - 9 UNC		T1232742	JIS II	115	55	17	13	16	3
7/8 - 14 UNF		T1232762	JIS II	95	45	17	13	16	3
1" - 8 UNC		T1232782	JIS II	125	60	20	15	18	3
1" - 12 UNF		T1232802	JIS II	95	45	20	15	18	3

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
○	○	○			○	○	○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
									○	

COMBO TAPS

SPIRAL POINT TAPS

SPIRAL FLUTE TAPS

STRAIGHT FLUTE TAPS

LONG SHANK TAPS

FLUTELRSS TAPS

SCREW THREAD INSERT TAPS

HAND TAPS

PIPE TAPS

CARBIDE TAPS

SKS21 HAND TAPS

SKS21 PIPE TAPS

THREAD MILLS

TECHNICAL DATA

**Y/G SPIRAL FLUTE TAPS**

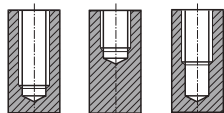
**T1162 SERIES**

**W 普通螺旋槽丝锥**  
**SPIRAL FLUTE TAPS for GENERAL PURPOSE**

▶ 适用于碳钢和合金钢的盲孔加工, 优异的排屑。

▶ Suitable for tapping Blind holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type



Material groups

**GS**

HSS-EX

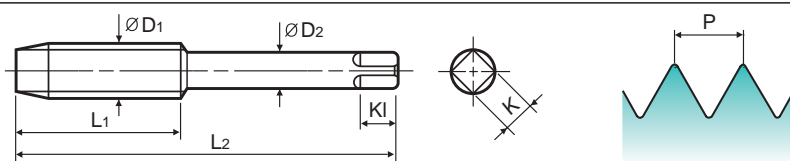
J-SP

JIS II

2.5P

Homo

- ▶ Tap Limits : JIS II
- ▶ up to 5/16 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 TPI	型号 EDP No.	精度 Limit	全长 Overall Length L2	螺纹长 Thread Length L1	柄径 Shank Diameter ØD2	方块尺寸 Square Size K	方块长度 Square Length KI	槽数 No. of Flute
W1/8	- 40	T1162202	JIS II	46	18	4	3.2	6	3
W3/16	- 24	T1162322	JIS II	60	22	5.5	4.5	7	3
W1/4	- 20	T1162402	JIS II	62	24	6	4.5	7	3
W5/16	- 18	T1162442	JIS II	70	30	6.1	5	8	3
W3/8	- 16	T1162482	JIS II	75	35	7	5.5	8	3
W7/16	- 14	T1162522	JIS II	80	38	8	6	9	3
W1/2	- 12	T1162562	JIS II	85	42	9	7	10	3
W9/16	- 12	T1162602	JIS II	90	42	10.5	8	11	3
W5/8	- 11	T1162642	JIS II	95	45	12	9	12	3
W3/4	- 10	T1162702	JIS II	105	50	14	11	14	4
W7/8	- 9	T1162742	JIS II	115	55	17	13	16	4
W1"	- 8	T1162782	JIS II	125	60	20	15	18	4

COMBO TAPS

SPIRAL POINT TAPS

SPIRAL FLUTE TAPS

STRAIGHT FLUTE TAPS

LONG SHANK TAPS

FLUTELRSS TAPS

SCREW THREAD INSERT TAPS

HAND TAPS

PIPE TAPS

CARBIDE TAPS

SKS21 HAND TAPS

SKS21 PIPE TAPS

THREAD MILLS

TECHNICAL DATA

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRc25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	○	○			○	○	○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
										○





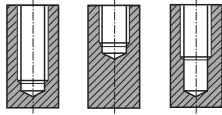
T1112 SERIES

# M 深孔螺旋槽丝锥 (普通) SPIRAL FLUTE TAPS for DEEP HOLES (for GENERAL PURPOSE)

▶ 适用于碳钢和合金钢的盲孔深加工，优异的排屑。

▶ Suitable for tapping deep Blind holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type



Material groups  
**GS**

HSS-EX

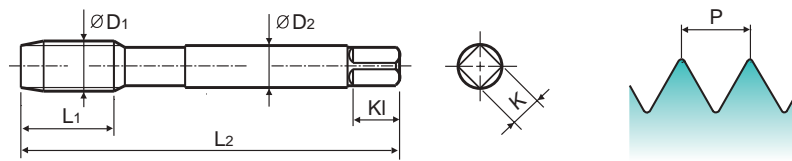
S-SP

YH

2.5P

Homo

- ▶ Tap Limits : P.530
- ▶ up to M7 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length	螺纹长 Thread Length	柄径 Shank Diameter	方块 尺寸 Square Size	方块 长度 Square Length	槽数 No. of Flute
ØD1	P			L2	L1	ØD2	K	KI	
M2	× 0.4	T1112131	YH1	40	4	3	2.5	5	2
M2.2	× 0.45	T1112151	YH1	42	4.5	3	2.5	5	2
M2.3	× 0.4	T1112191	YH1	42	4	3	2.5	5	2
M2.5	× 0.45	T1112171	YH1	44	4.5	3	2.5	5	2
M2.6	× 0.45	T1112491	YH1	44	4.5	3	2.5	5	2
M3	× 0.5	T1112202	YH2	46	5	4	3.2	6	3
M3	× 0.35	T1112211	YH1	46	3.5	4	3.2	6	3
M3.5	× 0.6	T1112222	YH2	48	6	4	3.2	6	3
M3.5	× 0.35	T1112231	YH1	48	3.5	4	3.2	6	3
M4	× 0.7	T1112242	YH2	52	7	5	4	7	3
M4	× 0.5	T1112251	YH1	52	5	5	4	7	3
M4.5	× 0.75	T1112262	YH2	55	7.5	5	4	7	3
M4.5	× 0.5	T1112271	YH1	55	5	5	4	7	3
M5	× 0.8	T1112282	YH2	55	8	5.5	4.5	7	3
M5	× 0.5	T1112291	YH1	60	5	5.5	4.5	7	3
M5.5	× 0.5	T1112301	YH1	60	5	5.5	4.5	7	3
M6	× 1	T1112312	YH2	60	10	6	4.5	7	3
M6	× 0.75	T1112322	YH2	62	7.5	6	4.5	7	3
M6	× 0.5	T1112331	YH1	62	5	6	4.5	7	3
M7	× 1	T1112342	YH2	65	10	6.2	5	8	3

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	○	○			○	○	○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
									○	

COMBO TAPS

SPIRAL POINT TAPS

SPIRAL FLUTE TAPS

STRAIGHT FLUTE TAPS

LONG SHANK TAPS

FLUTELRSS TAPS

SCREW THREAD INSERT TAPS

HAND TAPS

PIPE TAPS

CARBIDE TAPS

SKS21 HAND TAPS

SKS21 PIPE TAPS

THREAD MILLS

TECHNICAL DATA

**YG SPIRAL FLUTE TAPS**

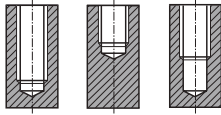
**T1112 SERIES**

**M 深孔螺旋槽丝锥(普通)**  
**SPIRAL FLUTE TAPS for DEEP HOLES(for GENERAL PURPOSE)**

▶ 适用于碳钢和合金钢的盲孔深加工，优异的排屑。

▶ Suitable for tapping deep Blind holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type



Material groups

**GS**

HSS-EX

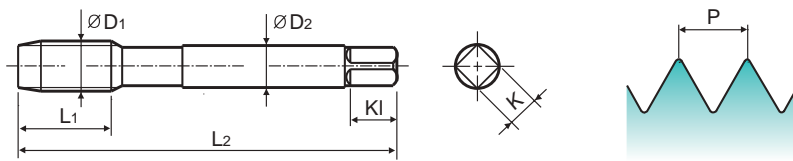
S-SP

YH



Homo

- ▶ Tap Limits : P.530
- ▶ up to M7 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length L2	螺纹长 Thread Length L1	柄径 Shank Diameter ØD2	方块 尺寸 Square Size K	方块 长度 Square Length KI	槽数 No. of Flute
ØD1	P								
M7	× 0.75	T1112352	YH2	65	7.5	6.2	5	8	3
M8	× 1.25	T1112362	YH2	70	12.5	6.2	5	8	3
M8	× 1	T1112372	YH2	70	10	6.2	5	8	3
M8	× 0.75	T1112382	YH2	70	7.5	6.2	5	8	3
M9	× 1.25	T1112392	YH2	72	12.5	7	5.5	8	3
M9	× 1	T1112402	YH2	72	10	7	5.5	8	3
M9	× 0.75	T1112412	YH2	72	7.5	7	5.5	8	3
M10	× 1.5	T1112422	YH2	75	15	7	5.5	8	3
M10	× 1.25	T1112432	YH2	75	12.5	7	5.5	8	3
M10	× 1	T1112442	YH2	75	10	7	5.5	8	3
M10	× 0.75	T1112452	YH2	75	7.5	7	5.5	8	3
M11	× 1.5	T1112462	YH2	75	15	8	6	9	3
M11	× 1	T1112472	YH2	80	10	8	6	9	3
M11	× 0.75	T1112482	YH2	80	7.5	8	6	9	3
M12	× 1.75	T1112502	YH2	80	17.5	8.5	6.5	9	3
M12	× 1.5	T1112512	YH2	82	15	8.5	6.5	9	3
M12	× 1.25	T1112522	YH2	82	12.5	8.5	6.5	9	3
M12	× 1	T1112532	YH2	82	10	10.5	6.5	9	3
M14	× 2	T1112542	YH2	82	20	10.5	8	11	3
M14	× 1.5	T1112552	YH2	88	15	10.5	8	11	3

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	○	○			○	○	○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
										○



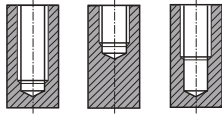
**T1112** SERIES

# M 深孔螺旋槽丝锥 (普通) SPIRAL FLUTE TAPS for DEEP HOLES (for GENERAL PURPOSE)

▶ 适用于碳钢和合金钢的盲孔深加工，优异的排屑。

▶ Suitable for tapping deep Blind holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

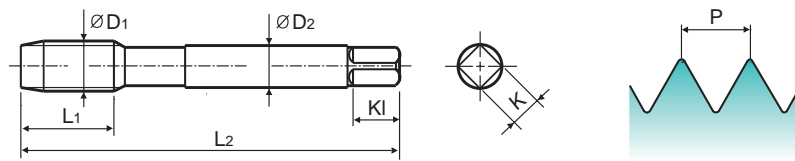
Hole type



Material groups **GS**

HSS-EX S-SP YH 2.5P Homo

▶ Tap Limits : P.530  
▶ up to M7 : Male Center  
▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length L2	螺纹长 Thread Length L1	柄径 Shank Diameter ØD2	方块 尺寸 Square Size K	方块 长度 Square Length KI	槽数 No. of Flute
M14	× 1.25	T1112562	YH2	88	12.5	10.5	8	11	3
M14	× 1	T1112572	YH2	88	10	10.5	8	11	3
M15	× 1.5	T1112582	YH2	90	15	10.5	8	11	3
M15	× 1	T1112592	YH2	90	10	12.5	8	11	3
M16	× 2	T1112602	YH2	90	20	12.5	10	13	3
M16	× 1.5	T1112612	YH2	95	15	12.5	10	13	3
M16	× 1	T1112622	YH2	95	10	14	10	13	3
M18	× 2.5	T1112653	YH3	95	25	14	11	14	4
M18	× 2	T1112663	YH3	100	20	14	11	14	4
M18	× 1.5	T1112672	YH2	100	15	14	11	14	4
M18	× 1	T1112682	YH2	95	10	15	11	14	4
M20	× 2.5	T1112703	YH2	95	25	15	12	15	4
M20	× 2	T1112713	YH3	105	20	15	12	15	4
M20	× 1.5	T1112723	YH3	105	15	15	12	15	4
M20	× 1	T1112732	YH2	95	10	17	12	15	4
M22	× 2.5	T1112743	YH2	95	25	17	13	16	4
M22	× 2	T1112753	YH3	115	20	17	13	16	4
M22	× 1.5	T1112763	YH3	115	15	17	13	16	4
M22	× 1	T1112772	YH2	95	10	17	13	16	4

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	○	○			○	○	○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
									○	

COMBO TAPS

SPIRAL POINT TAPS

SPIRAL FLUTE TAPS

STRAIGHT FLUTE TAPS

LONG SHANK TAPS

FLUTELRSS TAPS

SCREW THREAD INSERT TAPS

HAND TAPS

PIPE TAPS

CARBIDE TAPS

SKS21 HAND TAPS

SKS21 PIPE TAPS

THREAD MILLS

TECHNICAL DATA

**Y/G SPIRAL FLUTE TAPS**

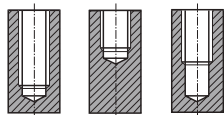
**T1172 SERIES**

**UNC/F 深孔螺旋槽丝锥(普通)**  
**SPIRAL FLUTE TAPS for DEEP HOLES(for GENERAL PURPOSE)**

▶ 适用于碳钢和合金钢的盲孔深加工，优异的排屑。

▶ Suitable for tapping deep Blind holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type



Material groups

**GS**

HSS-EX

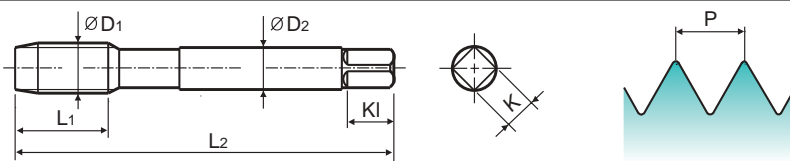
S-SP

JIS II

2.5P

Homo

- ▶ Tap Limits : JIS II
- ▶ up to 5/16 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 TPI	型号 EDP No.	精度 Limit	全长 Overall Length L2	螺纹长 Thread Length L1	柄径 Shank Diameter ØD2	方块尺寸 Square Size K	方块长度 Square Length K1	槽数 No. of Flute
#4 - 40 UNC		T1172162	JIS II	44	6	3	2.5	5	3
#4 - 48 UNF		T1172182	JIS II	44	6	3	2.5	5	3
#5 - 40 UNC		T1172202	JIS II	46	6	4	3.2	6	3
#5 - 44 UNF		T1172222	JIS II	46	6	4	3.2	6	3
#6 - 32 UNC		T1172242	JIS II	48	7	4	3.2	6	3
#6 - 40 UNF		T1172262	JIS II	48	7	4	3.2	6	3
#8 - 32 UNC		T1172282	JIS II	52	7	5	4	7	3
#8 - 36 UNF		T1172302	JIS II	52	7	5	4	7	3
#10 - 24 UNC		T1172322	JIS II	60	10	5.5	4.5	7	3
#10 - 32 UNF		T1172342	JIS II	60	7	5.5	4.5	7	3
#12 - 24 UNC		T1172362	JIS II	60	10	5.5	4.5	7	3
#12 - 28 UNF		T1172382	JIS II	60	9	5.5	4.5	7	3
1/4 - 20 UNC		T1172402	JIS II	62	12	6	4.5	7	3
1/4 - 28 UNF		T1172422	JIS II	62	9	6	4.5	7	3
5/16 - 18 UNC		T1172442	JIS II	70	14	6.1	5	8	3
5/16 - 24 UNF		T1172462	JIS II	70	10	6.1	5	8	3

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	○	○			○	○	○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
										○



T1172 SERIES

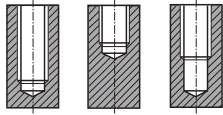
# UNC/F 深孔螺旋槽丝锥 (普通)

## SPIRAL FLUTE TAPS for DEEP HOLES(for GENERAL PURPOSE)

▶ 适用于碳钢和合金钢的盲孔深加工，优异的排屑。

▶ Suitable for tapping deep Blind holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type



HSS-EX

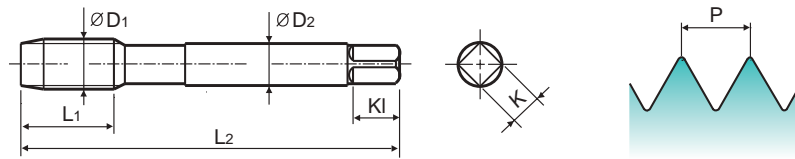
S-SP

JIS II

2.5P

Homo

- ▶ Tap Limits : JIS II
- ▶ up to 5/16 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 TPI	型号 EDP No.	精度 Limit	全长 Overall Length L2	螺纹长 Thread Length L1	柄径 Shank Diameter ØD2	方块 尺寸 Square Size K	方块 长度 Square Length KI	槽数 No. of Flute
3/8 - 16 UNC		T1172482	JIS II	75	15	7	5.5	8	3
3/8 - 24 UNF		T1172502	JIS II	75	10	7	5.5	8	3
7/16 - 14 UNC		T1172522	JIS II	80	18	8	6	9	3
7/16 - 20 UNF		T1172542	JIS II	80	12	8	6	9	3
1/2 - 13 UNC		T1172562	JIS II	85	19	9	7	10	3
1/2 - 20 UNF		T1172582	JIS II	85	12	9	7	10	3
9/16 - 12 UNC		T1172602	JIS II	90	21	10.5	8	11	3
9/16 - 18 UNF		T1172622	JIS II	90	14	10.5	8	11	3
5/8 - 11 UNC		T1172642	JIS II	95	23	12	9	12	3
5/8 - 18 UNF		T1172662	JIS II	95	14	12	9	12	3
3/4 - 10 UNC		T1172702	JIS II	105	25	14	11	14	4
3/4 - 16 UNF		T1172722	JIS II	105	15	14	11	14	4
7/8 - 9 UNC		T1172742	JIS II	115	28	17	13	16	4
7/8 - 14 UNF		T1172762	JIS II	115	18	17	13	16	4
1" - 8 UNC		T1172782	JIS II	125	31	20	15	18	4
1" - 12 UNF		T1172802	JIS II	125	21	20	15	18	4

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	○	○			○	○	○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
										○

COMBO TAPS

SPIRAL POINT TAPS

SPIRAL FLUTE TAPS

STRAIGHT FLUTE TAPS

LONG SHANK TAPS

FLUTELRSS TAPS

SCREW THREAD INSERT TAPS

HAND TAPS

PIPE TAPS

CARBIDE TAPS

SKS21 HAND TAPS

SKS21 PIPE TAPS

THREAD MILLS

TECHNICAL DATA

**Y/G SPIRAL FLUTE TAPS**

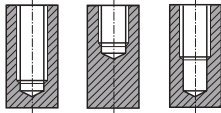
**T1182 SERIES**

**W 深孔螺旋槽丝锥(普通)**  
**SPIRAL FLUTE TAPS for DEEP HOLES(for GENERAL PURPOSE)**

▶ 适用于碳钢和合金钢的盲孔深加工，优异的排屑。

▶ Suitable for tapping deep Blind holes in Carbon Steels and Alloy Steels, where chips are produced in a continuous coil state.

Hole type



Material groups

**GS**

HSS-EX

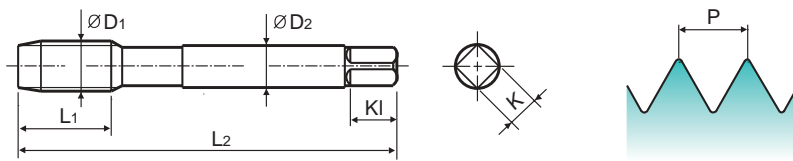
S-SP

JIS II



Homo

- ▶ Tap Limits : JIS II
- ▶ up to 5/16 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸	牙距	型号	精度	全长	螺纹长	柄径	方块尺寸	方块长度	槽数
SIZE	TPI	EDP No.	Limit	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	No. of Flute
ØD1				L2	L1	ØD2	K	KI	
W1/8	- 40	T1182202	JIS II	46	6	4	3.2	6	3
W3/16	- 24	T1182322	JIS II	60	10	5.5	4.5	7	3
W1/4	- 20	T1182402	JIS II	62	12	6	4.5	7	3
W5/16	- 18	T1182442	JIS II	70	14	6.1	5	8	3
W3/8	- 16	T1182482	JIS II	75	15	7	5.5	8	3
W7/16	- 14	T1182522	JIS II	80	18	8	6	9	3
W1/2	- 12	T1182562	JIS II	85	19	9	7	10	3
W9/16	- 12	T1182602	JIS II	90	21	10.5	8	11	3
W5/8	- 11	T1182642	JIS II	95	23	12	9	12	3
W3/4	- 10	T1182702	JIS II	105	25	14	11	14	4
W7/8	- 9	T1182742	JIS II	115	28	17	13	16	4
W1"	- 8	T1182782	JIS II	125	31	20	15	18	4

COMBO TAPS

SPIRAL POINT TAPS

SPIRAL FLUTE TAPS

STRAIGHT FLUTE TAPS

LONG SHANK TAPS

FLUTELRSS TAPS

SCREW THREAD INSERT TAPS

HAND TAPS

PIPE TAPS

CARBIDE TAPS

SKS21 HAND TAPS

SKS21 PIPE TAPS

THREAD MILLS

TECHNICAL DATA

◎ : 优(Excellent) ○ : 良(Good)

低碳钢	中碳钢	高碳钢	合金钢	硬化钢	不锈钢	工具钢	铸钢	铸铁	高强度铸铁	
Low Carbon Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel	Stainless Steel	Tool Steel	Cast Steel	Cast Iron	High Tension Cast Iron	
~ C0.25	C0.25 ~ C0.45	C0.45 ~	SCM	HRc25 ~ 45	SUS	SKD	SC	FC	FCD	
◎	○	○			○	○	○			
铜	黄铜	铸铜	铝轧	铸铝	铸镁	铸锌	钛合金	镍合金	热固性塑料	热塑性塑料
Copper	Brass	Brass Casting	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Casting	Zinc Alloy Casting	Ti Alloy	Ni Alloy	Thermosetting plastic	thermoplastic
Cu	Bs	PB	AL	AC,ADC	MC	ZDC				○

**YG SPIRAL FLUTE TAPS**

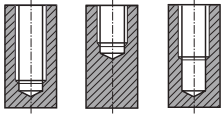
**T3121 SERIES**

**M 螺旋槽丝锥 SPIRAL FLUTE TAPS**

▶ 适用于碳钢和合金钢，有效长时间的高速盲孔加工，寿命长和快速攻丝。

▶ Suitable for tapping Blind holes in Carbon Steels and Alloy Steels. Long tool life and high speed tapping.

Hole type



Material groups **GS**

HSS-EX

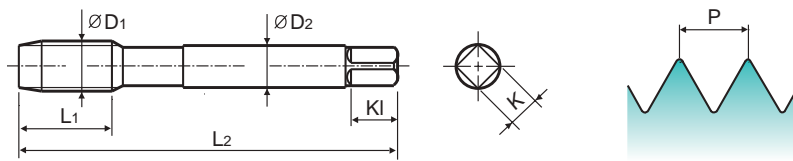
I-SPTin

YH

2.5P

TiN

- ▶ Tap Limits : P.530
- ▶ up to M7 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length	螺纹长 Thread Length	柄径 Shank Diameter	方块 尺寸 Square Size	方块 长度 Square Length	槽数 No. of Flute
ØD1	P			L2	L1	ØD2	K	KI	
M3	× 0.5	T3121202	YH2	46	11	4	3.2	6	3
M3.5	× 0.6	T3121222	YH2	48	13	4	3.2	6	3
M4	× 0.7	T3121242	YH2	52	13	5	4	7	3
M5	× 0.8	T3121282	YH2	60	16	5.5	4.5	7	3
M6	× 1	T3121312	YH2	62	19	6	4.5	7	3
M8	× 1.25	T3121362	YH2	70	22	6.2	5	8	3
M10	× 1.5	T3121422	YH2	75	24	7	5.5	8	3
M10	× 1.25	T3121432	YH2	75	24	7	5.5	8	3
M12	× 1.75	T3121502	YH2	82	29	8.5	6.5	9	3
M12	× 1.5	T3121512	YH2	82	29	8.5	6.5	9	3
M12	× 1.25	T3121522	YH2	82	29	8.5	6.5	9	3
M14	× 2	T3121542	YH2	88	30	10.5	8	11	3
M14	× 1.5	T3121552	YH2	88	30	10.5	8	11	3
M16	× 2	T3121602	YH2	95	32	12.5	10	13	3
M16	× 1.5	T3121612	YH2	95	32	12.5	10	13	3
M18	× 2.5	T3121653	YH3	100	37	14	11	14	4
M18	× 1.5	T3121672	YH2	100	37	14	11	14	4
M20	× 2.5	T3121703	YH3	105	37	15	12	15	4
M20	× 1.5	T3121722	YH2	105	37	15	12	15	4

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRc25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	○	◎	○		○	○	○		○	
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
○	○	○	○	○	○	○			○	○

COMBO TAPS

SPIRAL POINT TAPS

SPIRAL FLUTE TAPS

STRAIGHT FLUTE TAPS

LONG SHANK TAPS

FLUTELRSS TAPS

SCREW THREAD INSERT TAPS

HAND TAPS

PIPE TAPS

CARBIDE TAPS

SKS21 HAND TAPS

SKS21 PIPE TAPS

THREAD MILLS

TECHNICAL DATA

**YG SPIRAL FLUTE TAPS**

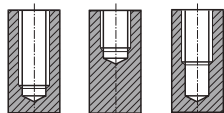
**T3132 SERIES**

**M 螺旋槽丝锥 SPIRAL FLUTE TAPS**

▶ 适用于碳钢和合金钢的通孔加工, 具有高效, 寿命长, 能够快速攻丝.

▶ Suitable for tapping Blind holes in Carbon Steels and Alloy Steels. Capable of efficient, long life, high speed tapping.

Hole type



Material groups

**GS**

HSS-EX

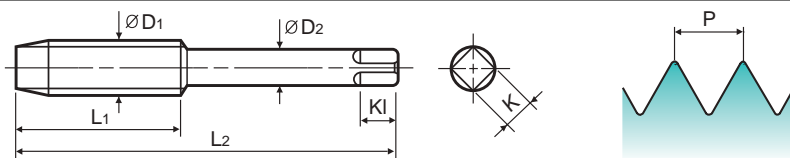
J-Sptin

YH

2.5P

TiN

- ▶ Tap Limits : P.530
- ▶ up to M7 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸	牙距	型号	精度	全长	螺纹长	柄径	方块 尺寸	方块 长度	槽数
SIZE	Pitch	EDP No.	Limit	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	No. of Flute
ØD1	P			L2	L1	ØD2	K	KI	
M3	× 0.5	T3132202	YH2	46	18	4	3.2	6	3
M3.5	× 0.6	T3132222	YH2	48	18	4	3.2	6	3
M4	× 0.7	T3132242	YH2	52	20	5	4	7	3
M5	× 0.8	T3132282	YH2	60	22	5.5	4.5	7	3
M6	× 1	T3132312	YH2	62	24	6	4.5	7	3
M8	× 1.25	T3132362	YH2	70	30	6.2	5	8	3
M10	× 1.5	T3132422	YH2	75	32	7	5.5	8	3
M10	× 1.25	T3132432	YH2	75	32	7	5.5	8	3
M12	× 1.75	T3132502	YH2	82	38	8.5	6.5	9	3
M12	× 1.5	T3132512	YH2	82	38	8.5	6.5	9	3
M12	× 1.25	T3132522	YH2	80	38	8.5	6.5	9	3
M14	× 2	T3132542	YH2	88	42	10.5	8	11	3
M14	× 1.5	T3132552	YH2	88	42	10.5	8	11	3
M16	× 2	T3132602	YH2	95	45	12.5	10	13	3
M16	× 1.5	T3132612	YH2	95	45	12.5	10	13	3
M18	× 2.5	T3132653	YH3	100	48	14	11	14	4
M18	× 1.5	T3132672	YH2	95	45	14	11	14	4
M20	× 2.5	T3132703	YH3	105	50	15	12	15	4
M20	× 1.5	T3132722	YH2	95	45	15	12	15	4

◎ : 优(Excellent) ○ : 良(Good)

低碳钢	中碳钢	高碳钢	合金钢	硬化钢	不锈钢	工具钢	铸钢	铸铁	高强度铸铁	
Low Carbon Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel	Stainless Steel	Tool Steel	Cast Steel	Cast Iron	High Tension Cast Iron	
~ C0.25	C0.25 ~ C0.45	C0.45 ~	SCM	HRC25 ~ 45	SUS	SKD	SC	FC	FCD	
◎	○	◎	○		○	○	○		○	
铜	黄铜	铸铜	铝轧	铸铝	铸镁	铸锌	钛合金	镍合金	热固性塑料	热塑性塑料
Copper	Brass	Brass Casting	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Casting	Zinc Alloy Casting	Ti Alloy	Ni Alloy	Thermosetting plastic	thermoplastic
Cu	Bs	PB	AL	AC,ADC	MC	ZDC			○	○
○	○	○	○	○	○	○			○	○



**YG SPIRAL FLUTE TAPS**

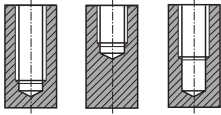
**T3112 SERIES**

**M 深孔螺旋槽丝锥 SPIRAL FLUTE TAPS for DEEP HOLES**

▶ 适用于碳钢和合金钢的通孔加工, 具有高效, 寿命长, 能够快速攻丝.

▶ Suitable for tapping deep Blind holes in Carbon Steels and Alloy Steels. Capable of efficient, long life, high speed tapping.

Hole type



Material groups **GS**

HSS-EX

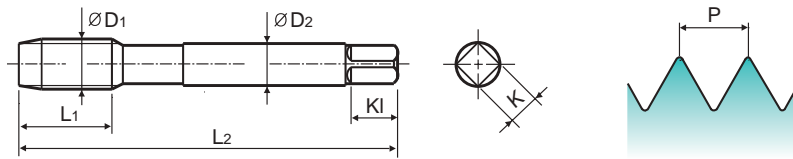
S-SPtin

YH

2.5P

TiN

- ▶ Tap Limits : P.530
- ▶ up to M7 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length	螺纹长 Thread Length	柄径 Shank Diameter	方块 尺寸 Square Size	方块 长度 Square Length	槽数 No. of Flute
ØD1	P			L2	L1	ØD2	K	KI	
M3	× 0.5	T3112202	YH2	46	5	4	3.2	6	3
M4	× 0.7	T3112242	YH2	52	7	5	4	7	3
M5	× 0.8	T3112282	YH2	60	8	5.5	4.5	7	3
M6	× 1	T3112312	YH2	62	10	6	4.5	7	3
M8	× 1.25	T3112362	YH2	70	12.5	6.2	5	8	3
M10	× 1.5	T3112422	YH2	75	15	7	5.5	8	3
M10	× 1.25	T3112432	YH2	75	12.5	7	5.5	8	3
M12	× 1.75	T3112502	YH2	82	17.5	8.5	6.5	9	3
M12	× 1.5	T3112512	YH2	82	15	8.5	6.5	9	3
M12	× 1.25	T3112522	YH2	82	12.5	8.5	6.5	9	3
M14	× 2	T3112542	YH2	88	20	10.5	8	11	3
M14	× 1.5	T3112552	YH2	88	15	10.5	8	11	3
M16	× 2	T3112602	YH2	95	20	12.5	10	13	3
M16	× 1.5	T3112612	YH2	95	15	12.5	10	13	3

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	○	◎	○		○	○	○		○	
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
○	○	○	○	○	○	○			○	○

COMBO TAPS

SPIRAL POINT TAPS

SPIRAL FLUTE TAPS

STRAIGHT FLUTE TAPS

LONG SHANK TAPS

FLUTELRSS TAPS

SCREW THREAD INSERT TAPS

HAND TAPS

PIPE TAPS

CARBIDE TAPS

SKS21 HAND TAPS

SKS21 PIPE TAPS

THREAD MILLS

TECHNICAL DATA

**Y/G SPIRAL FLUTE TAPS**

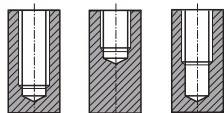
**T1151 SERIES**

**M 软钢用螺旋槽丝锥**  
**SPIRAL FLUTE TAPS for SOFT STRUCTURAL STEELS**

▶ 适用于类似S241, S25C等软钢及低碳钢的盲孔加工

▶ Suitable for tapping Blind holes in Soft Structural Steels such as SS41, S25C and other low carbon Steels.

Hole type



HSS-EX

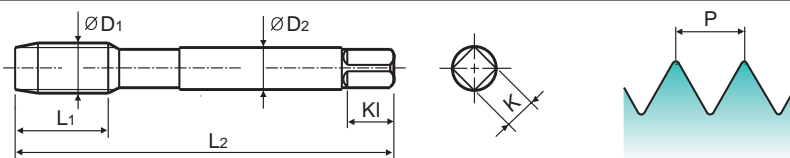
I-SPss

YH



Homo

- ▶ Tap Limits : P.530
- ▶ up to M7 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length	螺纹长 Thread Length	柄径 Shank Diameter	方块 尺寸 Square Size	方块 长度 Square Length	槽数 No. of Flute
ØD1	P			L2	L1	ØD2	K	KI	
M3	× 0.5	T1151202	YH2	46	11	4	3.2	6	3
M3.5	× 0.6	T1151222	YH2	48	13	4	3.2	6	3
M4	× 0.7	T1151242	YH2	52	13	5	4	7	3
M5	× 0.8	T1151282	YH2	60	16	5.5	4.5	7	3
M6	× 1	T1151312	YH2	62	19	6	4.5	7	3
M8	× 1.25	T1151362	YH2	70	22	6.2	5	8	3
M10	× 1.5	T1151422	YH2	75	24	7	5.5	8	3
M10	× 1.25	T1151432	YH2	75	24	7	5.5	8	3
M12	× 1.75	T1151502	YH2	82	29	8.5	6.5	9	3
M12	× 1.5	T1151512	YH2	82	29	8.5	6.5	9	3
M12	× 1.25	T1151522	YH2	82	29	8.5	6.5	9	3
M14	× 2	T1151542	YH2	88	30	10.5	8	11	3
M14	× 1.5	T1151552	YH2	88	30	10.5	8	11	3
M16	× 2	T1151602	YH2	95	32	12.5	10	13	3
M16	× 1.5	T1151612	YH2	95	32	12.5	10	13	3
M18	× 2.5	T1151653	YH3	100	37	14	11	14	4
M18	× 1.5	T1151672	YH2	100	37	14	11	14	4
M20	× 2.5	T1151703	YH3	105	37	15	12	15	4
M20	× 1.5	T1151723	YH3	105	37	15	12	15	4
M22	× 2.5	T1151743	YH3	115	38	17	13	16	4
M22	× 1.5	T1151763	YH3	115	38	17	13	16	4
M24	× 3	T1151783	YH3	120	45	19	15	18	4
M24	× 1.5	T1151803	YH3	120	45	19	15	18	4

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	◎		○				◎			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
										○



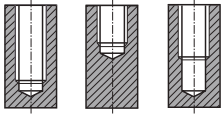
**T1131** SERIES

# M 软钢用螺旋槽丝锥 SPIRAL FLUTE TAPS for SOFT STRUCTURAL STEELS

▶ 适用于类似S241, S25C等软钢及低碳钢的盲孔加工

▶ Suitable for tapping Blind holes in Soft Structural Steels such as SS41, S25C and other low carbon Steels.

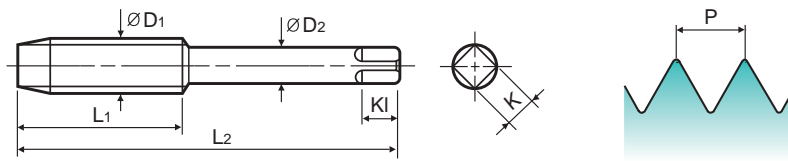
Hole type



Material groups **GV**

- HSS-EX
- J-SPss
- YH
- 2.5P
- Homo

- ▶ Tap Limits : P.530
- ▶ up to M7 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length	螺纹长 Thread Length	柄径 Shank Diameter	方块 尺寸 Square Size	方块 长度 Square Length	槽数 No. of Flute
ØD1	P			L2	L1	ØD2	K	KI	
M3	× 0.5	T1131202	YH2	46	11	18	3.2	6	3
M3.5	× 0.6	T1131222	YH2	48	13	18	3.2	6	3
M4	× 0.7	T1131242	YH2	52	13	20	4	7	3
M5	× 0.8	T1131282	YH2	60	16	22	4.5	7	3
M6	× 1	T1131312	YH2	62	19	24	4.5	7	3
M8	× 1.25	T1131362	YH2	70	22	30	5	8	3
M10	× 1.5	T1131422	YH2	75	24	32	5.5	8	3
M10	× 1.25	T1131432	YH2	75	24	32	5.5	8	3
M12	× 1.75	T1131502	YH2	82	29	38	6.5	9	3
M12	× 1.5	T1131512	YH2	82	29	38	6.5	9	3
M12	× 1.25	T1131522	YH2	80	29	38	6.5	9	3
M14	× 2	T1131542	YH2	88	30	42	8	11	3
M14	× 1.5	T1131552	YH2	88	30	42	8	11	3
M16	× 2	T1131602	YH2	95	32	45	10	13	3
M16	× 1.5	T1131612	YH2	95	32	45	10	13	3
M18	× 2.5	T1131653	YH3	100	37	48	11	14	4
M18	× 1.5	T1131672	YH2	95	37	45	11	14	4
M20	× 2.5	T1131703	YH3	105	37	50	12	15	4
M20	× 1.5	T1131723	YH3	95	37	45	12	15	4
M22	× 2.5	T1131743	YH3	115	38	55	13	16	4
M22	× 1.5	T1131763	YH3	95	38	45	13	16	4
M24	× 3	T1131783	YH3	120	45	58	15	18	4
M24	× 1.5	T1131803	YH3	95	45	45	15	18	4

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎	◎		○				◎			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
									○	

COMBO TAPS

SPIRAL POINT TAPS

SPIRAL FLUTE TAPS

STRAIGHT FLUTE TAPS

LONG SHANK TAPS

FLUTELRSS TAPS

SCREW THREAD INSERT TAPS

HAND TAPS

PIPE TAPS

CARBIDE TAPS

SKS21 HAND TAPS

SKS21 PIPE TAPS

THREAD MILLS

TECHNICAL DATA

**Y/G SPIRAL FLUTE TAPS**

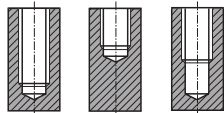
**T1191 SERIES**

**M 不锈钢用螺旋槽丝锥**  
**SPIRAL FLUTE TAPS for STAINLESS STEELS**

▶ 适用于不锈钢, 铬钢, 铬钼钢和其他逐硬化具有韧性材料的盲孔加工

▶ Suitable for tapping Blind holes in Stainless Steel, Chrome Steel, Chrome Molybdenum Steel and other ductile materials.

Hole type



Material groups

**VA**

HSS-EX

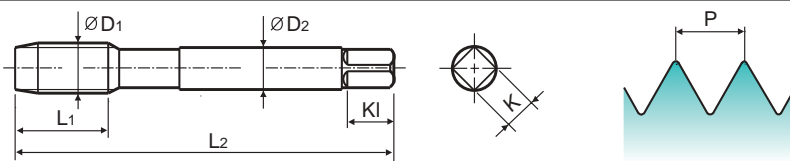
I-SPsus

YH

2.5P

Homo

- ▶ Tap Limits : P.530
- ▶ up to M7 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length	螺纹长 Thread Length	柄径 Shank Diameter	方块 尺寸 Square Size	方块 长度 Square Length	槽数 No. of Flute
ØD1	P			L2	L1	ØD2	K	K1	
M2	× 0.4	T1191131	YH1	40	7.5	3	2.5	5	2
M2.2	× 0.45	T1191151	YH1	42	8.5	3	2.5	5	2
M2.3	× 0.4	T1191191	YH1	42	8.5	3	2.5	5	2
M2.5	× 0.45	T1191172	YH2	44	8.5	3	2.5	5	2
M2.6	× 0.45	T1191492	YH2	44	8.5	3	2.5	5	2
M3	× 0.5	T1191202	YH2	46	11	4	3.2	6	3
M3.5	× 0.6	T1191222	YH2	48	13	4	3.2	6	3
M4	× 0.7	T1191242	YH2	52	13	5	4	7	3
M5	× 0.8	T1191282	YH2	60	16	5.5	4.5	7	3
M6	× 1	T1191312	YH2	62	19	6	4.5	7	3
M8	× 1.25	T1191363	YH3	70	22	6.2	5	8	3
M10	× 1.5	T1191423	YH3	75	24	7	5.5	8	3
M10	× 1.25	T1191433	YH3	75	24	7	5.5	8	3
M12	× 1.75	T1191503	YH3	82	29	8.5	6.5	9	3
M12	× 1.5	T1191513	YH3	82	29	8.5	6.5	9	3
M12	× 1.25	T1191523	YH3	82	29	8.5	6.5	9	3
M12	× 1	T1191532	YH2	82	29	8.5	6.5	9	3
M14	× 2	T1191543	YH3	88	30	10.5	8	11	3

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRc25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎										
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
◎										

**YG SPIRAL FLUTE TAPS**

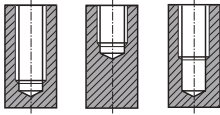
**T1191 SERIES**

**M 不锈钢用螺旋槽丝锥**  
**SPIRAL FLUTE TAPS for STAINLESS STEELS**

▶ 适用于不锈钢, 铬钢, 铬钼钢和其他逐硬化具有韧性材料的盲孔加工

▶ Suitable for tapping Blind holes in Stainless Steel, Chrome Steel, Chrome Molybdenum Steel and other ductile materials.

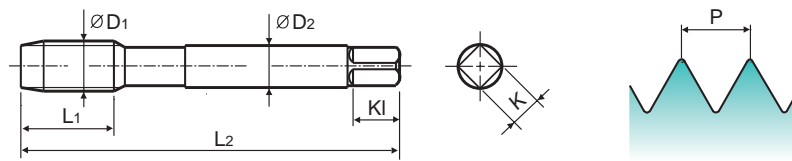
Hole type



Material groups **VA**

HSS-EX
I-SPsus
YH
2.5P
Homo

- ▶ Tap Limits : P.530
- ▶ up to M7 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸	牙距	型号	精度	全长	螺纹长	柄径	方块 尺寸	方块 长度	槽数
SIZE	Pitch	EDP No.	Limit	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	No. of Flute
ØD1	P			L2	L1	ØD2	K	KI	
M14 × 1.5		T1191553	YH3	88	30	10.5	8	11	3
M16 × 2		T1191603	YH3	95	32	12.5	10	13	3
M16 × 1.5		T1191613	YH3	95	32	12.5	10	13	3
M18 × 2.5		T1191653	YH3	100	37	14	11	14	4
M18 × 1.5		T1191673	YH3	100	37	14	11	14	4
M20 × 2.5		T1191703	YH3	105	37	15	12	15	4
M20 × 1.5		T1191723	YH3	105	37	15	12	15	4
M22 × 2.5		T1191744	YH4	115	38	17	13	16	4
M22 × 1.5		T1191763	YH3	115	38	17	13	16	4
M24 × 3		T1191784	YH4	120	45	19	15	18	4
M24 × 1.5		T1191803	YH3	120	45	19	15	18	4
M25 × 1.5		T1191833	YH3	125	45	19	15	18	4
M26 × 1.5		T1191853	YH3	125	45	20	15	18	4
M27 × 3		T1191864	YH4	130	45	20	15	18	4
M27 × 1.5		T1191883	YH3	130	45	20	15	18	4
M28 × 1.5		T1191913	YH3	130	45	21	17	20	4
M30 × 3.5		T1191944	YH4	135	48	23	17	20	4
M30 × 1.5		T1191973	YH3	135	45	23	17	20	4

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎										
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
◎										

COMBO TAPS

SPIRAL POINT TAPS

SPIRAL FLUTE TAPS

STRAIGHT FLUTE TAPS

LONG SHANK TAPS

FLUTELRSS TAPS

SCREW THREAD INSERT TAPS

HAND TAPS

PIPE TAPS

CARBIDE TAPS

SKS21 HAND TAPS

SKS21 PIPE TAPS

THREAD MILLS

TECHNICAL DATA

# Y/G SPIRAL FLUTE TAPS

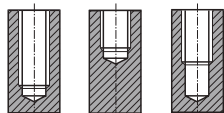
T1133 SERIES

## M 不锈钢用螺旋槽丝锥 SPIRAL FLUTE TAPS for STAINLESS STEELS

▶ 适用于不锈钢, 铬钢, 铬钼钢和其他逐硬化具有韧性材料的盲孔加工

▶ Suitable for tapping Blind holes in Stainless Steels, Chrome Steels, Chrome Molybdenum Steels and other ductile materials with great tendency to work harden.

Hole type



Material groups

VA

HSS-EX

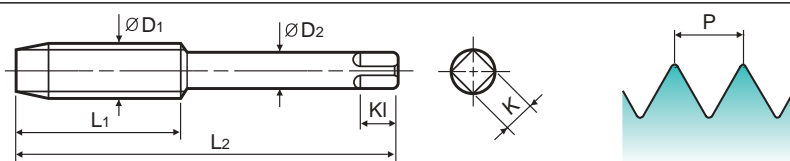
J-SPsus

YH



Homo

- ▶ Tap Limits : P.530
- ▶ up to M7 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length	螺纹长 Thread Length	柄径 Shank Diameter	方块 尺寸 Square Size	方块 长度 Square Length	槽数 No. of Flute
ØD1	P			L2	L1	ØD2	K	KI	
M2	× 0.4	T1133131	YH1	40	15	3	2.5	5	2
M2.2	× 0.45	T1133151	YH1	42	15	3	2.5	5	2
M2.3	× 0.4	T1133191	YH1	42	15	3	2.5	5	2
M2.5	× 0.45	T1133172	YH2	44	16	3	2.5	5	2
M2.6	× 0.45	T1133492	YH2	44	16	3	2.5	5	2
M3	× 0.5	T1133202	YH2	46	18	4	3.2	6	3
M3.5	× 0.6	T1133222	YH2	48	18	4	3.2	6	3
M4	× 0.7	T1133242	YH2	52	20	5	4	7	3
M5	× 0.8	T1133282	YH2	60	22	5.5	4.5	7	3
M6	× 1	T1133312	YH2	62	24	6	4.5	7	3
M8	× 1.25	T1133363	YH3	70	30	6.2	5	8	3
M10	× 1.5	T1133423	YH3	75	32	7	5.5	8	3
M10	× 1.25	T1133433	YH3	75	32	7	5.5	8	3
M12	× 1.75	T1133503	YH3	82	38	8.5	6.5	9	3
M12	× 1.5	T1133513	YH3	82	38	8.5	6.5	9	3
M12	× 1.25	T1133523	YH3	80	38	8.5	6.5	9	3
M12	× 1	T1133532	YH2	70	30	8.5	6.5	9	3
M14	× 2	T1133543	YH3	88	42	10.5	8	11	3

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRc25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
					◎					
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
◎									◎	

# YG SPIRAL FLUTE TAPS

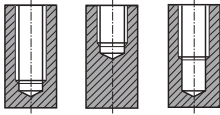
## T1133 SERIES

### M 不锈钢用螺旋槽丝锥 SPIRAL FLUTE TAPS for STAINLESS STEELS

▶ 适用于不锈钢, 铬钢, 铬钼钢和其他逐硬化具有韧性材料的盲孔加工

▶ Suitable for tapping Blind holes in Stainless Steels, Chrome Steels, Chrome Molybdenum Steels and other ductile materials with great tendency to work harden.

Hole type



Material groups  
**VA**

HSS-EX

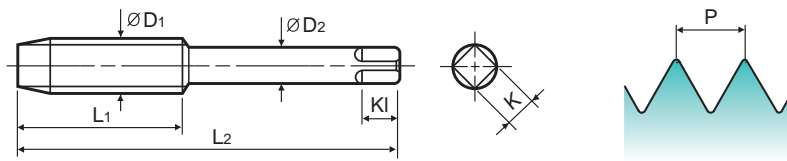
J-SPsus

YH

2.5P

Homo

▶ Tap Limits : P.530  
▶ up to M7 : Male Center  
▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length L2	螺纹长 Thread Length L1	柄径 Shank Diameter ØD2	方块尺寸 Square Size K	方块长度 Square Length KI	槽数 No. of Flute
ØD1	P								
M14	× 1.5	T1133553	YH3	88	42	10.5	8	11	3
M16	× 2	T1133603	YH3	95	45	12.5	10	13	3
M16	× 1.5	T1133613	YH3	95	45	12.5	10	13	3
M18	× 2.5	T1133653	YH3	100	48	14	11	14	4
M18	× 1.5	T1133673	YH3	95	45	14	11	14	4
M20	× 2.5	T1133703	YH3	105	50	15	12	15	4
M20	× 1.5	T1133723	YH3	95	45	15	12	15	4
M22	× 2.5	T1133744	YH4	115	55	17	13	16	4
M22	× 1.5	T1133763	YH3	95	45	17	13	16	4
M24	× 3	T1133784	YH4	120	58	19	15	18	4
M24	× 1.5	T1133803	YH3	95	45	19	15	18	4
M25	× 1.5	T1133833	YH3	95	45	19	15	18	4
M26	× 1.5	T1133853	YH3	95	45	20	15	18	4
M27	× 3	T1133864	YH4	130	62	20	15	18	4
M27	× 1.5	T1133883	YH3	95	45	20	15	18	4
M28	× 1.5	T1133913	YH3	105	45	21	17	20	4
M30	× 3.5	T1133944	YH4	135	65	23	17	20	4
M30	× 1.5	T1133973	YH3	105	45	23	17	20	4

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎										
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
◎										

COMBO TAPS

SPIRAL POINT TAPS

SPIRAL FLUTE TAPS

STRAIGHT FLUTE TAPS

LONG SHANK TAPS

FLUTELRSS TAPS

SCREW THREAD INSERT TAPS

HAND TAPS

PIPE TAPS

CARBIDE TAPS

SKS21 HAND TAPS

SKS21 PIPE TAPS

THREAD MILLS

TECHNICAL DATA

**Y/G SPIRAL FLUTE TAPS**

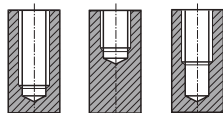
**T1113 SERIES**

**M 深孔螺旋槽丝锥(不锈钢)**  
**SPIRAL FLUTE TAPS for DEEP HOLES(for STAINLESS STEELS)**

▶ 适用于不锈钢, 铬钢, 铬钼钢和其他逐硬化具有韧性材料的盲孔加工

▶ Suitable for tapping deep Blind holes in Stainless Steels, Chrome Steels, Chrome Molybdenum Steels and other ductile materials with great tendency to work harden.

Hole type



Material groups

**VA**

HSS-EX

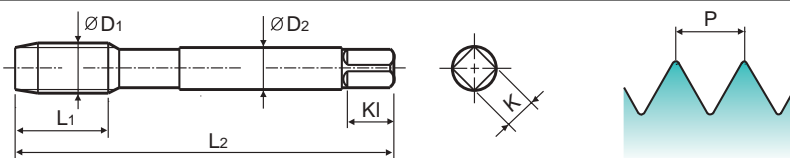
S-SPsus

YH

2.5P

Homo

- ▶ Tap Limits : P.530
- ▶ up to M7 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸	牙距	型号	精度	全长	螺纹长	柄径	方块 尺寸	方块 长度	槽数
SIZE	Pitch	EDP No.	Limit	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	No. of Flute
ØD1	P			L2	L1	ØD2	K	KI	
M2	× 0.4	T1113131	YH1	40	4	3	2.5	5	2
M2.2	× 0.45	T1113151	YH1	42	4.5	3	2.5	5	2
M2.3	× 0.4	T1113191	YH1	42	4	3	2.5	5	2
M2.5	× 0.45	T1113172	YH2	44	4.5	3	2.5	5	2
M2.6	× 0.45	T1113492	YH2	44	4.5	3	2.5	5	2
M3	× 0.5	T1113202	YH2	46	5	4	3.2	6	3
M3.5	× 0.6	T1113222	YH2	48	6	4	3.2	6	3
M4	× 0.7	T1113242	YH2	52	7	5	4	7	3
M5	× 0.8	T1113282	YH2	60	8	5.5	4.5	7	3
M6	× 1	T1113312	YH2	62	10	6	4.5	7	3
M8	× 1.25	T1113363	YH3	70	12.5	6.2	5	8	3
M10	× 1.5	T1113423	YH3	75	15	7	5.5	8	3
M10	× 1.25	T1113433	YH3	75	12.5	7	5.5	8	3
M12	× 1.75	T1113503	YH3	82	17.5	8.5	6.5	9	3
M12	× 1.5	T1113513	YH3	82	15	8.5	6.5	9	3
M12	× 1.25	T1113523	YH3	82	12.5	8.5	6.5	9	3
M12	× 1	T1113532	YH2	82	10	8.5	6.5	9	3
M14	× 2	T1113543	YH3	88	20	10.5	8	11	3
M14	× 1.5	T1113553	YH3	88	15	10.5	8	11	3
M16	× 2	T1113603	YH3	95	20	12.5	10	13	3
M16	× 1.5	T1113613	YH3	95	15	12.5	10	13	3
M18	× 2.5	T1113653	YH3	100	25	14	11	14	4
M18	× 1.5	T1113673	YH3	100	15	14	11	14	4
M20	× 2.5	T1113703	YH3	105	25	15	12	15	4
M20	× 1.5	T1113723	YH3	105	15	15	12	15	4
M22	× 2.5	T1113744	YH4	115	25	17	13	16	4
M22	× 1.5	T1113763	YH3	115	15	17	13	16	4

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
◎										
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
◎										



**YG SPIRAL FLUTE TAPS**

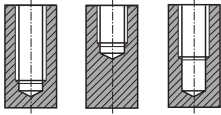
**T2120 SERIES**

**M 有色金属用螺旋槽丝锥**  
**SPIRAL FLUTE TAPS for NON-FERROUS METALS**

▶ 适用于铝, 镁, 锌, 铜及有色金属的盲孔加工.

▶ Suitable for tapping Blind holes in Aluminum, Magnesium, Zinc, Copper as well as Non-Ferrous metal alloys.

Hole type



Material groups **AI**

HSS-EX

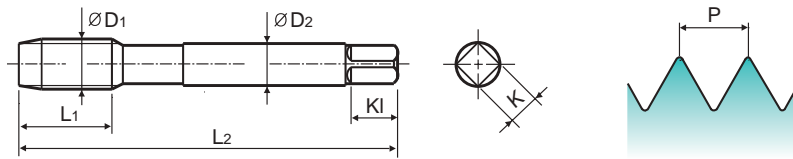
I-SPal

YH

2.5P

Bright

- ▶ Tap Limits : P.530
- ▶ up to M7 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸	牙距	型号	精度	全长	螺纹长	柄径	方块 尺寸	方块 长度	槽数
SIZE	Pitch	EDP No.	Limit	Overall Length	Thread Length	Shank Diameter	Square Size	Square Length	No. of Flute
ØD1	P			L2	L1	ØD2	K	KI	
M2	× 0.4	T2120131	YH1	40	7.5	3	2.5	5	2
M2.2	× 0.45	T2120151	YH1	42	8.5	3	2.5	5	2
M2.3	× 0.4	T2120191	YH1	42	8.5	3	2.5	5	2
M2.5	× 0.45	T2120171	YH1	44	8.5	3	2.5	5	2
M2.6	× 0.45	T2120491	YH1	44	8.5	3	2.5	5	2
M3	× 0.5	T2120202	YH2	46	11	4	3.2	6	3
M3.5	× 0.6	T2120222	YH2	48	13	4	3.2	6	3
M4	× 0.7	T2120242	YH2	52	13	5	4	7	3
M5	× 0.8	T2120282	YH2	60	16	5.5	4.5	7	3
M6	× 1	T2120312	YH2	62	19	6	4.5	7	3
M8	× 1.25	T2120363	YH3	70	22	6.2	5	8	3
M10	× 1.5	T2120423	YH3	75	24	7	5.5	8	3
M10	× 1.25	T2120433	YH3	75	24	7	5.5	8	3
M12	× 1.75	T2120503	YH3	82	29	8.5	6.5	9	3
M12	× 1.5	T2120513	YH3	82	29	8.5	6.5	9	3
M12	× 1.25	T2120523	YH3	82	29	8.5	6.5	9	3
M12	× 1	T2120532	YH2	82	29	8.5	6.5	9	3
M14	× 2	T2120543	YH3	88	30	10.5	8	11	3

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
○	○	○	○	○	○	○	○	○	○	
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
○	○	○	◎	○	○	○	○	○	○	

COMBO TAPS

SPIRAL POINT TAPS

SPIRAL FLUTE TAPS

STRAIGHT FLUTE TAPS

LONG SHANK TAPS

FLUTELRSS TAPS

SCREW THREAD INSERT TAPS

HAND TAPS

PIPE TAPS

CARBIDE TAPS

SKS21 HAND TAPS

SKS21 PIPE TAPS

THREAD MILLS

TECHNICAL DATA

# Y/G SPIRAL FLUTE TAPS

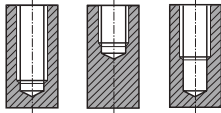
## T2120 SERIES

### M 有色金属用螺旋槽丝锥 SPIRAL FLUTE TAPS for NON-FERROUS METALS

▶ 适用于铝, 镁, 锌, 铜及有色金属的盲孔加工.

▶ Suitable for tapping Blind holes in Aluminum, Magnesium, Zinc, Copper as well as Non-Ferrous metal alloys.

Hole type



Material groups

AI

HSS-EX

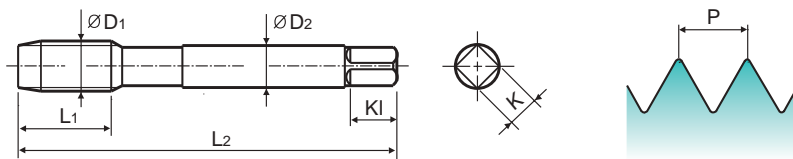
I-SPal

YH

2.5P

Bright

- ▶ Tap Limits : P.530
- ▶ up to M7 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length	螺纹长 Thread Length	柄径 Shank Diameter	方块 尺寸 Square Size	方块 长度 Square Length	槽数 No. of Flute
ØD1	P			L2	L1	ØD2	K	KI	
M14	× 1.5	T2120553	YH3	88	30	10.5	8	11	3
M16	× 2	T2120603	YH3	95	32	12.5	10	13	3
M16	× 1.5	T2120613	YH3	95	32	12.5	10	13	3
M18	× 2.5	T2120653	YH3	100	37	14	11	14	4
M18	× 1.5	T2120673	YH3	100	37	14	11	14	4
M20	× 2.5	T2120703	YH3	105	37	15	12	15	4
M20	× 1.5	T2120723	YH3	105	37	15	12	15	4
M22	× 2.5	T2120744	YH4	115	38	17	13	16	4
M22	× 1.5	T2120763	YH3	115	38	17	13	16	4
M24	× 3	T2120784	YH4	120	45	19	15	18	4
M24	× 1.5	T2120803	YH3	120	45	19	15	18	4
M25	× 1.5	T2120833	YH3	125	45	19	15	18	4
M26	× 1.5	T2120853	YH3	125	45	20	15	18	4
M27	× 3	T2120864	YH4	130	45	20	15	18	4
M27	× 1.5	T2120883	YH3	130	45	20	15	18	4
M28	× 1.5	T2120913	YH3	130	45	21	17	20	4
M30	× 3.5	T2120944	YH4	135	48	23	17	20	4
M30	× 1.5	T2120973	YH3	135	45	23	17	20	4

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
○	○		○				○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
○	○	○	◎							○

**YG SPIRAL FLUTE TAPS**

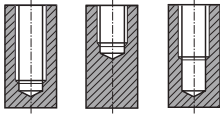
**T2131 SERIES**

**M 有色金属用螺旋槽丝锥**  
**SPIRAL FLUTE TAPS for NON-FERROUS METALS**

▶ 适用于铝, 镁, 锌, 铜及有色金属的盲孔加工.

▶ Suitable for tapping Blind holes in Aluminum, Magnesium, Zinc, Copper as well as Non-Ferrous metal alloys.

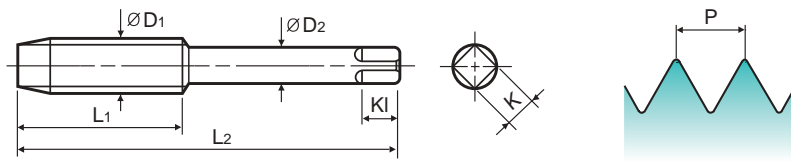
Hole type



Material groups **AI**

HSS-EX
J-SPal
YH
2.5P
Bright

- ▶ Tap Limits : P.530
- ▶ up to M7 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length	螺纹长 Thread Length	柄径 Shank Diameter	方块 尺寸 Square Size	方块 长度 Square Length	槽数 No. of Flute
ØD1	P			L2	L1	ØD2	K	KI	
M2	× 0.4	T2131131	YH1	40	15	3	2.5	5	2
M2.2	× 0.45	T2131151	YH1	42	15	3	2.5	5	2
M2.3	× 0.4	T2131191	YH1	42	15	3	2.5	5	2
M2.5	× 0.45	T2131171	YH1	44	16	3	2.5	5	2
M2.6	× 0.45	T2131491	YH1	44	16	3	2.5	5	2
M3	× 0.5	T2131202	YH2	46	18	4	3.2	6	3
M3.5	× 0.6	T2131222	YH2	48	18	4	3.2	6	3
M4	× 0.7	T2131242	YH2	52	20	5	4	7	3
M5	× 0.8	T2131282	YH2	60	22	5.5	4.5	7	3
M6	× 1	T2131312	YH2	62	24	6	4.5	7	3
M8	× 1.25	T2131363	YH3	70	30	6.2	5	8	3
M10	× 1.5	T2131423	YH3	75	32	7	5.5	8	3
M10	× 1.25	T2131433	YH3	75	32	7	5.5	8	3
M12	× 1.75	T2131503	YH3	82	38	8.5	6.5	9	3
M12	× 1.5	T2131513	YH3	82	38	8.5	6.5	9	3
M12	× 1.25	T2131523	YH3	80	38	8.5	6.5	9	3
M12	× 1	T2131532	YH2	70	30	8.5	6.5	9	3
M14	× 2	T2131543	YH3	88	42	10.5	8	11	3

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
○	○	○	○				○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
○	○	○	◎							○

COMBO TAPS

SPIRAL POINT TAPS

SPIRAL FLUTE TAPS

STRAIGHT FLUTE TAPS

LONG SHANK TAPS

FLUTELRSS TAPS

SCREW THREAD INSERT TAPS

HAND TAPS

PIPE TAPS

CARBIDE TAPS

SKS21 HAND TAPS

SKS21 PIPE TAPS

THREAD MILLS

TECHNICAL DATA

# Y/G SPIRAL FLUTE TAPS

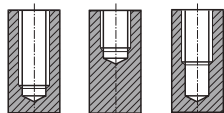
T2131 SERIES

## M 有色金属用螺旋槽丝锥 SPIRAL FLUTE TAPS for NON-FERROUS METALS

▶ 适用于铝, 镁, 锌, 铜及有色金属的盲孔加工.

▶ Suitable for tapping Blind holes in Aluminum, Magnesium, Zinc, Copper as well as Non-Ferrous metal alloys.

Hole type



Material groups

AI

HSS-EX

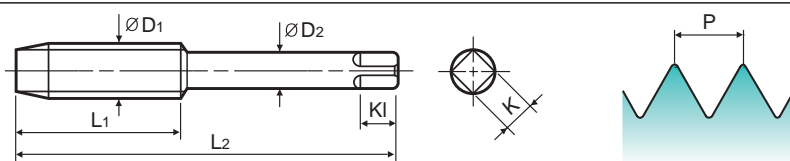
J-SPal

YH



Bright

- ▶ Tap Limits : P.530
- ▶ up to M7 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length	螺纹长 Thread Length	柄径 Shank Diameter	方块 尺寸 Square Size	方块 长度 Square Length	槽数 No. of Flute
ØD1	P			L2	L1	ØD2	K	K1	
M14	× 1.5	T2131553	YH3	88	42	10.5	8	11	3
M16	× 2	T2131603	YH3	95	45	12.5	10	13	3
M16	× 1.5	T2131613	YH3	95	45	12.5	10	13	3
M18	× 2.5	T2131653	YH3	100	48	14	11	14	4
M18	× 1.5	T2131673	YH3	95	45	14	11	14	4
M20	× 2.5	T2131703	YH3	105	50	15	12	15	4
M20	× 1.5	T2131723	YH3	95	45	15	12	15	4
M22	× 2.5	T2131744	YH4	115	55	17	13	16	4
M22	× 1.5	T2131763	YH3	95	45	17	13	16	4
M24	× 3	T2131784	YH4	120	58	19	15	18	4
M24	× 1.5	T2131803	YH3	95	45	19	15	18	4
M25	× 1.5	T2131833	YH3	95	45	19	15	18	4
M26	× 1.5	T2131853	YH3	95	45	20	15	18	4
M27	× 3	T2131864	YH4	130	62	20	15	18	4
M27	× 1.5	T2131883	YH3	95	45	20	15	18	4
M28	× 1.5	T2131913	YH3	105	45	21	17	20	4
M30	× 3.5	T2131944	YH4	135	65	23	17	20	4
M30	× 1.5	T2131973	YH3	105	45	23	17	20	4

COMBO TAPS

SPIRAL POINT TAPS

SPIRAL FLUTE TAPS

STRAIGHT FLUTE TAPS

LONG SHANK TAPS

FLUTELRSS TAPS

SCREW THREAD INSERT TAPS

HAND TAPS

PIPE TAPS

CARBIDE TAPS

SKS21 HAND TAPS

SKS21 PIPE TAPS

THREAD MILLS

TECHNICAL DATA

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
○	○		○				○			
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
○	○	○	◎							○

**YG SPIRAL FLUTE TAPS**

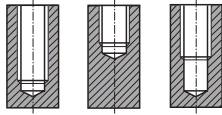
**T2111 SERIES**

**M 深孔螺旋槽丝锥 (有色金属)**  
**SPIRAL FLUTE TAPS for DEEP HOLES (for NON-FERROUS METALS)**

▶ 适用于铝, 镁, 锌, 铜及有色金属的盲孔加工。

▶ Suitable for tapping deep Blind holes in Aluminum, Magnesium Zinc, Copper as well as Non-Ferrous metal alloys.

Hole type



Material groups **AI**

HSS-EX

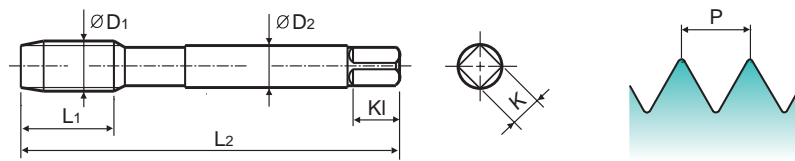
S-SPal

YH

2.5P

Bright

- ▶ Tap Limits : P.530
- ▶ up to M7 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length	螺纹长 Thread Length	柄径 Shank Diameter	方块 尺寸 Square Size	方块 长度 Square Length	槽数 No. of Flute
ØD1	P			L2	L1	ØD2	K	KI	
M2	× 0.4	T2111131	YH1	40	4	3	2.5	5	2
M2.2	× 0.45	T2111151	YH1	42	4.5	3	2.5	5	2
M2.3	× 0.4	T2111191	YH1	42	4	3	2.5	5	2
M2.5	× 0.45	T2111171	YH1	44	4.5	3	2.5	5	2
M2.6	× 0.45	T2111491	YH1	44	4.5	3	2.5	5	2
M3	× 0.5	T2111202	YH2	46	5	4	3.2	6	3
M3.5	× 0.6	T2111222	YH2	48	6	4	3.2	6	3
M4	× 0.7	T2111242	YH2	52	7	5	4	7	3
M5	× 0.8	T2111282	YH2	60	8	5.5	4.5	7	3
M6	× 1	T2111312	YH2	62	10	6	4.5	7	3
M8	× 1.25	T2111363	YH3	70	12.5	6.2	5	8	3
M10	× 1.5	T2111423	YH3	75	15	7	5.5	8	3
M10	× 1.25	T2111433	YH3	75	12.5	7	5.5	8	3
M12	× 1.75	T2111503	YH3	82	17.5	8.5	6.5	9	3
M12	× 1.5	T2111513	YH3	82	15	8.5	6.5	9	3
M12	× 1.25	T2111523	YH3	82	12.5	8.5	6.5	9	3
M12	× 1	T2111532	YH2	82	10	8.5	6.5	9	3
M14	× 2	T2111543	YH3	88	20	10.5	8	11	3
M14	× 1.5	T2111553	YH3	88	15	10.5	8	11	3
M16	× 2	T2111603	YH3	95	20	12.5	10	13	3
M16	× 1.5	T2111613	YH3	95	15	12.5	10	13	3
M18	× 2.5	T2111653	YH3	100	25	14	11	14	4
M18	× 1.5	T2111673	YH3	100	15	14	11	14	4
M20	× 2.5	T2111703	YH3	105	25	15	12	15	4
M20	× 1.5	T2111723	YH3	105	15	15	12	15	4
M22	× 2.5	T2111744	YH4	115	25	17	13	16	4
M22	× 1.5	T2111763	YH3	115	15	17	13	16	4

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
○	○	○	○	○	○	○	○	○	○	
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
○	○	○	◎	○	○	○	○	○	○	○

COMBO TAPS

SPIRAL POINT TAPS

SPIRAL FLUTE TAPS

STRAIGHT FLUTE TAPS

LONG SHANK TAPS

FLUTELRSS TAPS

SCREW THREAD INSERT TAPS

HAND TAPS

PIPE TAPS

CARBIDE TAPS

SKS21 HAND TAPS

SKS21 PIPE TAPS

THREAD MILLS

TECHNICAL DATA

# Y/G SPIRAL FLUTE TAPS

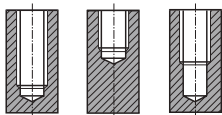
## TZ181 SERIES

### M 钛合金用螺旋槽丝锥 SPIRAL FLUTE TAPS for TITANIUM ALLOYS

▶ 适用于钛和钛合金和具有与其相同性质的材料的盲孔加工，也适用于低导热材料的盲孔加工。

▶ Suitable for tapping Blind holes in Titanium and Titanium Alloys. This tap compensates for the characteristics of titanium material such as closure and low thermal conductivity.

Hole type



Material groups

Ti

HSS-PM

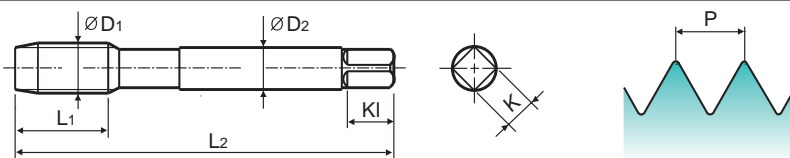
I-SPPMti

YH

3.0P

TiAIN

- ▶ Tap Limits : P.530
- ▶ up to M7 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length L2	螺纹长 Thread Length L1	柄径 Shank Diameter ØD2	方块尺寸 Square Size K	方块长度 Square Length K1	槽数 No. of Flute
M3	× 0.5	<b>TZ181203</b>	YH3	46	11	4	3.2	6	3
M4	× 0.7	<b>TZ181243</b>	YH3	52	13	5	4	7	3
M5	× 0.8	<b>TZ181283</b>	YH3	60	16	5.5	4.5	7	3
M6	× 1	<b>TZ181313</b>	YH3	62	19	6	4.5	7	3
M8	× 1.25	<b>TZ181363</b>	YH3	70	22	6.2	5	8	3
M10	× 1.5	<b>TZ181423</b>	YH3	75	24	7	5.5	8	3
M12	× 1.75	<b>TZ181504</b>	YH4	82	29	8.5	6.5	9	3

COMBO TAPS

SPIRAL POINT TAPS

SPIRAL FLUTE TAPS

STRAIGHT FLUTE TAPS

LONG SHANK TAPS

FLUTELRSS TAPS

SCREW THREAD INSERT TAPS

HAND TAPS

PIPE TAPS

CARBIDE TAPS

SKS21 HAND TAPS

SKS21 PIPE TAPS

THREAD MILLS

TECHNICAL DATA

◎ : 优(Excellent) ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRc25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
		◎		◎		◎			○	
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
							◎		○	

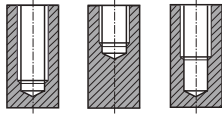


# M 镍合金用螺旋槽丝锥 SPIRAL FLUTE TAPS for NICKEL BASE ALLOYS

▶ 适用于镍合金, 铬镍铁合金781和耐热合金钢的通孔加工.

▶ Suitable for tapping Through holes in Nickel Alloys, Inconel 781 and Heat Resistant Alloy Steels.

Hole type



Material groups  
**Ni**

HSS-PM

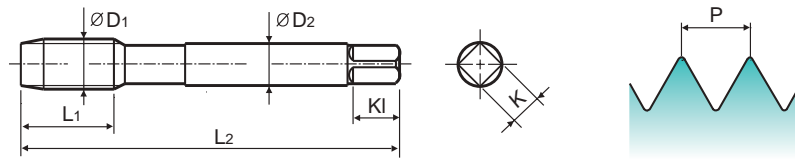
I-GPPMni

YH

3.0P

Bright

- ▶ Tap Limits : P.530
- ▶ up to M7 : Male Center
- ▶ Tapping Speeds : P.532



单位(Unit) : mm

尺寸 SIZE	牙距 Pitch	型号 EDP No.	精度 Limit	全长 Overall Length	螺纹长 Thread Length	柄径 Shank Diameter	方块 尺寸 Square Size	方块 长度 Square Length	槽数 No. of Flute
ØD1	P			L2	L1	ØD2	K	KI	
M3	× 0.5	TR641203	YH3	46	11	4	3.2	6	3
M4	× 0.7	TR641243	YH3	52	13	4.5	4	7	3
M5	× 0.8	TR641283	YH3	60	16	5.5	4.5	7	3
M6	× 1	TR641313	YH3	62	19	6	4.5	7	3
M8	× 1.25	TR641363	YH3	70	22	6.2	5	8	3
M10	× 1.5	TR641423	YH3	75	24	7	5.5	8	3
M10	× 1.25	TR641434	YH4	75	24	7	5.5	8	3
M12	× 1.75	TR641503	YH3	82	29	8.5	6.5	9	3
M12	× 1.5	TR641513	YH3	82	29	8.5	6.5	9	3
M12	× 1.25	TR641524	YH4	82	29	8.5	6.5	9	3
M14	× 2	TR641544	YH4	88	30	10.5	8	11	3
M14	× 1.5	TR641554	YH4	88	30	10.5	8	11	3
M16	× 2	TR641604	YH4	95	32	12.5	10	13	3
M16	× 1.5	TR641614	YH4	95	32	12.5	10	13	3
M18	× 2.5	TR641654	YH4	100	37	14	11	14	3
M18	× 1.5	TR641674	YH4	100	37	14	11	14	3
M20	× 2.5	TR641704	YH4	105	37	15	12	15	3
M20	× 1.5	TR641724	YH4	105	37	15	12	15	3
M22	× 2.5	TR641744	YH4	115	38	17	13	16	3
M22	× 1.5	TR641764	YH4	115	38	17	13	16	3
M24	× 3	TR641784	YH4	120	45	19	15	18	3
M24	× 1.5	TR641804	YH4	120	45	19	15	18	3

◎ : 优(Excellent)    ○ : 良(Good)

低碳钢 Low Carbon Steel ~ C0.25	中碳钢 Medium Carbon Steel C0.25 ~ C0.45	高碳钢 High Carbon Steel C0.45 ~	合金钢 Alloy Steel SCM	硬化钢 Hardened Steel HRC25 ~ 45	不锈钢 Stainless Steel SUS	工具钢 Tool Steel SKD	铸钢 Cast Steel SC	铸铁 Cast Iron FC	高强度铸铁 High Tension Cast Iron FCD	
		◎	◎	◎		◎			○	
铜 Copper Cu	黄铜 Brass Bs	铸铜 Brass Casting PB	铝轧 Aluminum Rolled AL	铸铝 Aluminum Alloy Casting AC,ADC	铸镁 Magnesium Casting MC	铸锌 Zinc Alloy Casting ZDC	钛合金 Ti Alloy	镍合金 Ni Alloy	热固性塑料 Thermosetting plastic	热塑性塑料 thermoplastic
							○	○		

COMBO TAPS

SPIRAL POINT TAPS

SPIRAL FLUTE TAPS

STRAIGHT FLUTE TAPS

LONG SHANK TAPS

FLUTELRSS TAPS

SCREW THREAD INSERT TAPS

HAND TAPS

PIPE TAPS

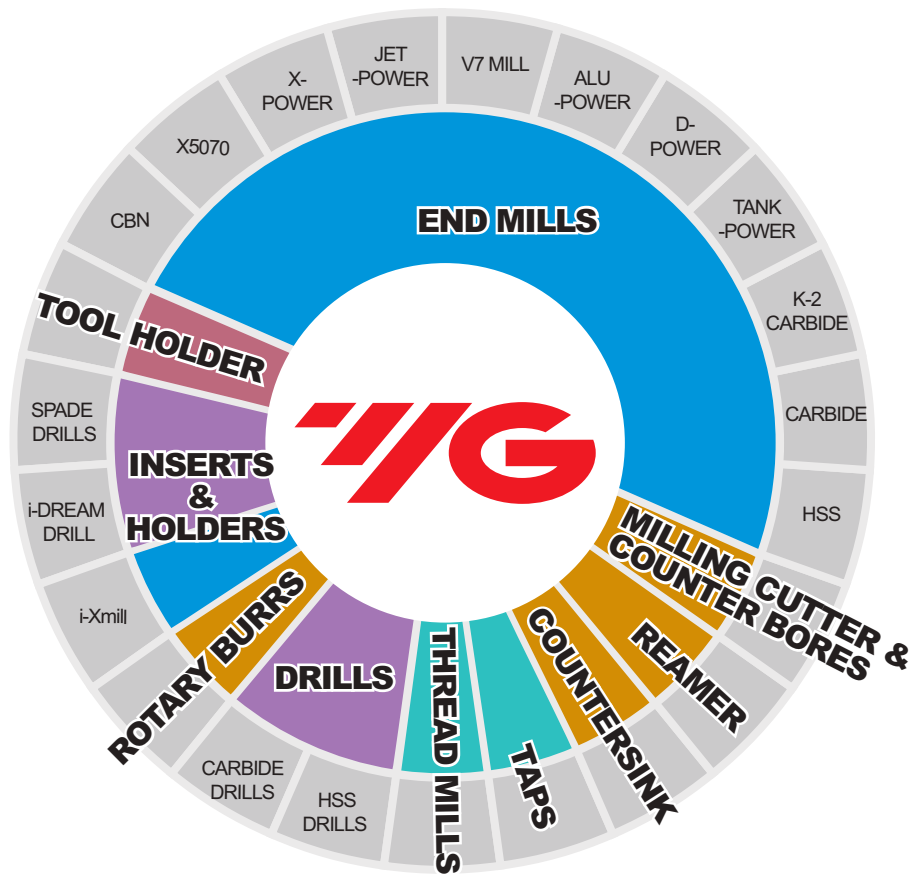
CARBIDE TAPS

SKS21 HAND TAPS

SKS21 PIPE TAPS

THREAD MILLS

TECHNICAL DATA



Challenge toward a Global Leader-

**YG-1 Leads the World Market.**